## SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is  $\frac{70\%}{100\%}$ .

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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RESULT 1
US-08-591-632-10/c
US-08-591-632-10/c
Sequence 10, Application US/08591632
Patent No. 6261558
Patent No. 6261558
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PACENTIN Release #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,632
FILLING.DATE: 19-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/11907
FILLING DATE: 19-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,841
FILLING DATE: 19-SEP-1994
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APPLICANT: Burton, Dennis R.
APPLICANT: Lerner, Righard A.
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL
TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS:
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ADDRESSE: Patent C
STREET: 10550 No. 6
CITY: La Jolla
STATE: CA
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US-09-062-451-130
US-09-598-326-130
US-09-370-838-47
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 784-2937
TELEPAX: (619) 784-2939
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Applicati Patent No. 6395275
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 01
FILING DATE: 19-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 26-APR-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
US 08/233,619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                PRIOR APPLICATION DATE: 06-Jul-2000

PRIOR APPLICATION NUMBER: 08/591,632

FILING DATE: 2001-10-29

APPLICATION NUMBER: US 08/308,841

FILING DATE: 19-SEP-1994

APPLICATION NUMBER: US 08/233,619

FILING DATE: 26-APR-1994

APPLICATION NUMBER: US 08/233,619

FILING DATE: 19-OCT-1993

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI 332.3

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Fitting, ThomaREGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08 FILING DATE: 26-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME:
                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/611,451
                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1089 AAGGTTTCTTCTAGTCTAACTTC 1111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Burton, Dennis R.
Lerner, Righard A.
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Barbas, Carlos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24 AAGGTTTCTTCTTGTCAAGCTTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent Counsel STREET: 10550 No. 6395275th Torrey Pines Road, TPC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09611451
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        (619)
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TELEFAX: (619) 784-9399

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Sequence 100, Application US/09305856B

Patent No. 6479236

GENERAL INFORMATION:

APPLICANT: Penny, Laura

APPLICANT: Galvin, Margaret

TITLE OF INVENTION: Genotyping the Human

TITLE OF INVENTION: UDP-Glucuronosyltransferase 1 (UGT1) Gene

FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)

CURRENT APPLICATION NUMBER: US/09/305,856B

CURRENT FILING DATE: 1999-05-05

PRIOR APPLICATION TOMBER: US/09/305,856B

PRIOR APPLICATION TOMBER: 60/084,807

PRIOR FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Valiberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Sabry, James
APPLICANT: Compton, Anne
TITLE OF INVENTION: Database system including com
TITLE OF INVENTION: for predictive cellular bioi
FILE REFERENCE: CytoP007C2
CUURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR TILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOCTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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MOLECULE TYPE: DNA (genomic)
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SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-611-451-10
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SOFTWARE: Fa
SEQ ID NO 100
LENGTH: 21
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Matches
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Best Local Similarity 86.4%;
Matches 19; Conservative
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Patent No. 6651008
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 24
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nes 20; Conserv
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                                        FastSEQ for Windows Version 3.0
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TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 48
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Pred. No. 28;
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GENERAL INFORMATION:
APPLICANT: COhen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER RPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-305-856B-100
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SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6371, Application US/09422978 Patent No. 6537751
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                                      SEQ ID NO 6371
LENGTH: 19
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR PILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-23
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR FILING DATE: 1992-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Chetverin, Alexander B.

APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                                NUMBER OF SEQ ID NOS: 11796
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Synthetically derived DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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90.0%; Pred. No. 62;
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Pred. No. 52;
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US-08-863-639A-67/c
; Sequence 67, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
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; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-11001 for SEQ 2437,
US-09-422-978-6371
                                                                                                                                                                                                                                                  US-08-863-639A-55
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                      Matches
                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (626) 795-63: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Worderfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILLING DATE: May 28, 1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                               TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: JOSeph E. Mueth
REGISTRATION NUMBER: 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 9:
                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 225 So. CITY: Pasadena
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1480 ATTCCAGCTATACATTAA 1497
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Matson, Robert S.
                                                                                                                                                                                                                                                                                 linear
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Pred. No. 75;
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Pred. No. 58;
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                                                                                                                                                                                                                                                                                                                                                         Sequence 68, Application US/08863639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (626) 795-633
INFORMATION FOR SEQ ID NO.
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/8
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
                                                                                                                                                                                                                                                                                                                             ENERAL INFORMATION:
                                    COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect
CURRENT APPLICATION DATA:
                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Disketto
COMPUTER: IBM compat:
OPERATING SYSTEM: Wil
                                                                                                                                                                                                                      NUMBER OF SEQUENCES: !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                     APPLICANT: Rampal, Jang B. APPLICANT: Caskey, C. T.
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APPLICATION NUMBER: US/08/863,639A FILING DATE: May 28, 1997 CLASSIFICATION: 435
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TREET: 225 South Lake Avenue, 9th Floor
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                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                           Matson, Robert S.
Coassin, Peter J.
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/ENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
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C. T.
                                                                        Windows 95
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85.7%; Pred. No. 75;
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                                                                                                    3.50 inch, 1.44 Mb storage
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Query Match
Best Local Similarity
Matches 18; Conserve
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                              Matches
                                            Query Match
Best Local
                                                                                                                                                                                                                                        COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
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NFORMATION FOR SEQ ID NO: 71:
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                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (626) 796-4000
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STRANDEDNESS: single
TOPOLOGY: linear
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CITY: Pasadena
                                                                                                                                             STRANDEDNESS:
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ZIP: 91101
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REFERENCE/DOCKET NUMBER: 11
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426 GGCGGCTGCGGCGCCGGCGAC 446
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225 South Lake Avenue, 9th Floor
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                             Score 16.2; D
Pred. No. 75;
0; Mismatches
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Pred. No. 75;
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US-08-416-214A-11
                                                                                                       Sequence 236, Application US/09216393B
Patent No. 6514694
GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
APPLICANT: MILHAUSEN, MICHAEL JAMES
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS,
FILE REFERENCE: TX-1-C2
CURRENT APPLICATION NUMBER: US/09/216,393B
CURRENT FILING DATE: 1998-12-18
CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 366
SOFTWARE: PatentIn version 3.1
SEQ ID NO 236
LENGTH: 21
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Best Local (
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Bergan
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICATION NUMBER: US/08/416,214A
FILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Brown, Kathryn REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 10154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                                                                                                                                                        426 GGCGGCTGCGGCGCGGCGAC 446
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Other nucleic acid
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Inhibition Of Protein
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85.7%; Pred. No. 75;
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US-09-198-452A-6233/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-482-918-33/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6233, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: chareof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6233
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 33, App. No. 620741
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Best Local Similarity
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sugge, Sidney V. APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                           STREET: 6300 Sea.
CITY: Chicago
STATE: Illinois
COUNTRY: United
                                                                                                                                                                                                                      COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity 100.0%; | 108 16; Conservative 0;
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100.0%; Pred. No.
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Pred. No. 75;
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                                                                                                                                   Version #1.30
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RESULT 15
US-09-224-681-33/c
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                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
PILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
PILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
PILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION DATA:
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PRIOR APPLICATION DATA:
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
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CORRESPONDENCE ADDRESS:
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                 FILING DATE: 11-JUN-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: PatentI
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STRANDEDNESS: single
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                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/224,681
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Chicago
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Similarity 89.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                     07/537,198
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07/422,383
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Pred. No. 90;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gerstein, Murray & Borun
South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
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; MOLECULE TYPE: DNA US-09-224-681-33
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Best Local Similarity 89.5%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -08-336-728A-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Zsebo,
                                                                                                                                                                            APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHOLIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
                 APPLICATION NUMBER: 07/42
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marzahall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                     FILING DATE: 11-JUN-1990 PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Martin, Francis H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: United States of America
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REFERENCE/DOCKET NUMBER: 01017/32956
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/08336728A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bosselman, Robert A. Suggs, Sidney V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , Krisztina M
                                                                                                                                                               07/537,198
                                                                                               07/422,383
                   36,107
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Pred. No. 90
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PATENT NO. 6214806

GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
TITLE OF INVENTION: LPS-ASSOCIATED DISORDERS
FILE REFERENCE: C1039/7011
CURRENT APPLICATION NUMBER: US/09/030,701B
CURRENT FILLING DATE: 1998-02-25
CURRENT FILLING DATE: 1998-02-25
APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or TITLE OF INVENTION: Therapeutic Protocols
TILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,239
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                                                                                                                                                                                                                                                                                US-09-082-649B-57
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US-09-030-701-65
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                        Sequence 57, Application US/09082649B
Patent No. 6339068
                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/039,405
PRIOR FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 65
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                 426 GGCGGCTGCGGCGCG 444
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89.5%; Pred. No. 90;
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; TYPE: DNA
; TYPE; DNA
; FEATURE;
; FEATURE;
; OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-57
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SOFTWARE: Far
; SEQ ID NO 57
; SEQTH: 20
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TELEX: <Unkno
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Local Similarity 89.5%;
nes 17; Conservation
                                                     ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/449,182
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS: ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zsebo,
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FastSEQ for Windows Version 3.0
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COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Chicago
                                                                                                                                                                         APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/635,251 FILING DATE: 07-Aug-2000
                                       TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/172,329 PILING DATE: 21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/684,535
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/
                                                                                                                                                                                                                                                                                                                    PPLICATION NUMBER: 07/589,701
                                                                                                                                                                                                                                                          ILING DATE: 01-OCT-1990 PPLICATION NUMBER: 07/5 ILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                             LING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sugge, Sidney V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6300 Sears Tower,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Robert A.
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Pred. No. 90;
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ower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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                                                                                                                US-08-863-639A-52
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                        Matches
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                                                                                   Query Match
                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,532
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                             TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 11:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Corel WordPe-
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 220
                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08 FILING DATE: May 28, 1997
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                                                                       Local
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                           426 GGCGGCTGCGGCGCGGCG 444
                                                        al Similarity
17; Conserv
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5981185
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              225 South Lake Avenue, 9th Floor
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                                                                                                                                         linear
                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                       IBM compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Diskette,
                                                                                                                               Other nucleic acid
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                                                                     89.5%;
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                                                                                                                                                                                                                     52:
                                                                                                                                                                                                                                                                                                                                                                                                                                         3.50 inch, 1.44 Mb storage
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                                                                       Score 15.8;
Pred. No. 9
                                                        Mismatches
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                                                                                    DB 1;
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RESULT 21 US-08-863-639A-56 ; Sequence 56, Application US/08863639A

INFORMATION:

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GENERAL INFORMATION:

APPLICANT: Ford, John

APPLICANT: Yeung, George

TITLE OF INVENTION: A ROVEL CHEMOKINE RECEPTOR OBTAINED FROM

TITLE OF INVENTION: A CDNA LIBRARY OF FETAL LIVER-SPLEEN

FILE REFERENCE: 20411-742CON2 (now 28110/36057B)

CURRENT APPLICATION NUMBER: US/09/409,778

CURRENT FILING DATE: 1999-09-22

PRIOR APPLICATION NUMBER: PCT/US99/12829

PRIOR FILING DATE: 1999-06-29

PRIOR FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: US 09/236,166

PRIOR APPLICATION NUMBER: US 09/236,166

PRIOR APPLICATION NUMBER: US 09/106,800

PRIOR FILING DATE: 1998-06-26

PRIOR FILING DATE: 1998-06-26

PRIOR FILING DATE: 1998-06-26

PRIOR PILING DATE: 1998-06-26
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NAME: JOSEPH E. MUSETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (628) 796-4000
TELEPHONE: (628) 796-6321
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                                                    SOFTWARE: F
                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 64721
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLICONUCLECTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: US/08,
FILING DATE: May 28, 1997
CLASSIFICATION: 435
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STRANDEDNESS: sing
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
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17; Conservative
                                                                              FastSEQ for Windows Version 3.0
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Pred. No. 95;
0; Mismatches
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; OTHER INFORMATION: Exemplary oligonucleotide primer used in sequence assembly process US-09-409-778-20
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US-08-123-449A-19
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CURRENT FILING DATE: 1999-09-22
PRIOR APPLICATION NUMBER: PCT/US99/12829
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/236,166
PRIOR FILING DATE: 1999-01-22
PRIOR FILING DATE: 1999-01-26
PRIOR APPLICATION NUMBER: US 09/106,800
PRIOR FILING DATE: 1998-06-26
PRIOR FILING DATE: 1998-06-26
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LENGTH: 21
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6472173
GENERAL INFORMATION:
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Best Local
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Best Local Similarity
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APPLICANT: Yeung, George
TITLE OF INVENTION: A NOVEL CHEMOKINE RECEPTOR OBTAINED FROM
TITLE OF INVENTION: A CDNA LIBRARY OF FETAL LIVER-SPLEEN
FILE REFERENCE: 20411-742COM2 (now 28110/36057B)
FILE REFERENCE: 20411-742COM2 (now 28110/36057B)
                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: DOS
                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
                                                                                                                                                                                                                               APPLICANT: KRYSTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 1.1%;
Local Similarity 89.5%;
les 17; Conservative
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                                                                                                COUNTRY:
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                                                                                                                                  Newport Beach
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                                                                                                                                                        620 Newport Center Drive
                                                                                              USA
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                     IBM Compatible
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 DOS version
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Pred. No. 9
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Pred. No. 95;
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SOFTWARE:

FastSeg Version 1.0

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US-08-123-449A-19
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                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOTTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,050
FILING DATE: 01-JUN-1995
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TELEPAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: TURNET, SILVER APPLICANT: ROBERT, SILVER APPLICANT: RATAN, MAITRA THE APPLICANT, LES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: line
MOLECULE TYPE: N
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KRYSTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NIMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear STREET: 620 Newport Center Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: A 1s linked by 2',5'-linkage FEATURE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
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APPLICATION NUMBER: PCT/I
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DRIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: miscellaneous feature LOCATION: 4
OTHER INFORMATION: A is linked of the companion of the companion
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                               OUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JAME/KEY: miscellaneous feature
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RANDEDNESS: single
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Pred. No. 1.1e+02;
0; Mismatches 4
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; OTHER INFORMATION: A is linked; OTHER INFORMATION: base through US-08-458-050-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-847-844A-94
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/749,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 94, Application US/08847844A
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS LENGTH: 22 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DOMBROSKI,
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                        STREET: ONE COMMERCITY: PHILADELPHIA
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LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
                                                                                                                                                                                                     COUNTRY: U.S.A. ZIP: 19103-7086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 17-SE APPLICATION NUMBER:
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                                                                                                                                                                                                                                           PA
                                                                                                                                                                                                                                                                                                                                                                                                          MORAN, JOHN
                                                                                                                                                                                                                                                                                                                                                                                                                                              KAZAZIAN JR.,
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TELEPAX: 215-567-2991
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
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Best Local Similarity
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: TOBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRYSTYNA, LESIAK
APPLICANT: KRYSTYNA, METHOD O
                                                                                                           APPLICATION NUMBER: US/08/950,196
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449
FILING DATE:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/ACENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
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                                                                       TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS Version SOFTWARE: FastSeq Version 1.0 CURRENT APPLICATION DATA:
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NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-23U
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2020
                               SEQUENCE CHARACTERISTICS
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES TITLE OF INVENTION: OF RNA
                                                                         TELEPHONE: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Knobbe, Martens, Olson and Bear STREET: 620 Newport Center Drive CITY: Newport Beach
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STRANDEDNESS:
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                 nucleic acid
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Pred. No. 1.1e+02
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US-08-584-040-2546/c

Sequence 2546, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.

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US-09-720-201A-25
                                                                                                                                                   US-09-720-201A-25
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SEQ ID NO 25
LENGTH: 22
                                                                                      Ouery Match
Best Local
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GENERAL INFORMATION:
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Best Local
                                                                                                                                                                                                                                                                                                    APPLICANT: MATSUZAKI, JUNICHI
APPLICANT: OHMORI, HIROSHI
TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND
TITLE OF INVENTION: ITS USE
FILE REFERENCE: 04853.0051-0000
CURRENT APPLICATION NUMBER: US/09/720,201A
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: JP 98/177,820
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: PCT/JP99/03381
PRIOR APPLICATION NUMBER: PCT/JP99/03381
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 25
NUMBER OF SEQ ID NOS: 25
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                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Poly A OTHER INFORMATION: nucleotide sequence
                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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ORIGINAL SOURCE:
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                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: miscellaneous feature
LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
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                     1516 AATTAAAAAAAAAAAGTAAAA 1537
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1 ARAARAAAAAAAAAAAAAAA 22
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18; Conservative
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TAIRA, KAZUNARI
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                                                                        1.1%; Score 15.6; DB 1; ilarity 81.8%; Pred. No. 1.1e+02; Conservative 0; Mismatches 4;
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81.8%; Pred. No. 1.1e+02;
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                                                                                                            Length 22;
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                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Genudry, Andex
APPLICANT: Adamic, Jasenka
                                                                                                                                                                                                                                                                                                                                   Sequence 559, Application US/09474432B Patent No. 6528640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
CURRENT ENTERNIES: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
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APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION: 514
APPLICATION UNMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/ACENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOTTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                -09-474-432B-559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West F1
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
EDNESS: single
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVE!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CONDITIONS RELATED TO L
OF VASCULAR ENDOTHELIAL
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Pred. No. 93;
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APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITILE OF INVENTION UNMESE: US/09/371,772B

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR PILING DATE: 1995-01-08

INMBER OF SEQ ID NOS: 14225

SEQ ID NO 1070
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; ORGANISM: Homo sapiens
US-09-371-772B-1070
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-559
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                                                                                                                                                                                                                        Patent No.
GENERAL INI
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                                                                                                                                                                                                                                                              Sequence 558,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
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PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
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                                                                                                                                                                                                                                                                                                                                                                                                                 1520 АЛАЛАЛАЛАЛАГТАЛА 1536
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6617438
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Similarity 94.1%;
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Pred. No. 93;
0; Mismatches
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-558
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APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: ISPH-0463
CURRENT APPLICATION NUMBER: US/09/577,902
CURRENT FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US/09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR FILING DATE: 1999-12-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR PELLING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/063,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1998-01-05
PRIOR PELICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1997-11-05
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: RTS-0079
CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 13
LENGTH: 18
TYPE: DNA
                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.1%;
Best Local Similarity 17.6%;
Matches 3; Conservative ?
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                                                                                                                                                                                                                                                                                  Sequence 13, Application US/09577902 Patent No. 6284538
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Patent No. 60201
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   633 GGGAGGTGGCGCCGCCG 649
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                                                                                                                                                               ANTISENSE MODULATION
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Pred. No. 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 15.4; DB 1;
Pred. No. 1e+02;
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                                                                                                                                                                  OF PTEN EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 35
PCT-US91-03680-73/c
                                                                 PCT-US91-03680-73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 73, Application PC/TUS9103680 GENERAL INFORMATION:
                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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 Matches
                                                                                                                                                                                                                                                                                                                                   TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 1991524
                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 46
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                     FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                            TELLEFAX: 41.
TELEFAX: 706141
                                                                                                                                                                                                    NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, 9 CITY: Menlo Park
                                                                                  LOCATION: 18
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 29,959
                                                                                                                               NAME/KEY: modified_base
                                                                                                                                                                 OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 94.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94025
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                 Similarity
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                                                                                                                                                                                                                                                                                                                                                                     415-327-2951
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 Conservative
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1.1%; Score 15.4; DB 1; Length 18; 94.1%; Pred. No. 1e+02; tive 0; Mismatches 1; Indels
                                                                                  /mod_base= OTHER
/note= "N4,N4-ethanocytosine"
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94.1%; Pred. No. 1e+02;
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   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 1.1%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 56, Application US/08890980 Patent No. 5998141
                                                                                                                                                                                                                                                                         Sequence 56, Application US/08890979 Patent No. 6030778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: Acton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08-890-980-56/c
                                                                                                                                                                                                                                                             ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING CONTROL ASSISTICATION: 435
CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: Arnold, Beth E.
NAME: Arnold, Beth E.
NAME: AFROLD, MUMBER: 35,430
TWARER: MIA-005.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/890,980
FILING DATE: 10-UUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: SR-B1
                                                                                          NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
                                                                                                                                                                        APPLICANT: Acton, Susan L.

APPLICANT: Ordovas, Jose M.

TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS

TITLE OF INVENTION: DISORDERS
                                                      ADDRESSEE: FO:
STREET: One PO
CITY: Boston
STATE: MA
COUNTRY: USA
7TP: 02109-2170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: One
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                               1037 GTGGGCGGCGGTGGTAA 1056
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                                                                                                                   HOAG & ELIOT LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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Pred. No. 1.3e+02;
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RESULT 39
US-09-513-729B-15
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US-09-032-894-56/c
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US-09-032-894-56
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                                                                        Sequence 15, Application US/09513729B Patent No. 6165791 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                      Query Match 1.1%; Score 15.2; DB 1; Best Local Similarity 85.0%; Pred. No. 1.3e+02; Matches 17; Conservative 0; Mismatches 3;
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Patent No. 6130041
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
COURTENT DESCRIPTION OF SEQ ID NOS: 121
COURTENT OF SEQ ID NOS: 121
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
APPLICANT:

APPLICANT:

APPLICANT:

Jacqueline Wyatt

TITLE OF INVENTION:

FILE REFERENCE:

RTS-0112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/890,979 FILING DATE: 10-JUL-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: MI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: Arnold, Beth E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
                                                                                                                                                                                                                                                    1037 GTGGGCGGCGGTGGTAA 1056
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Similarity 85.0%;
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  RTS-0112
                    ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
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; Pred. No. 1.3e
0; Mismatches
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Sequence 56, Application US/09031626

Patent No. 6228581

GENERAL INFORMATION:

APPLICANT: Acton, Susan L.

APPLICANT: Ordovas, Jose M.

TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BOD'

TITLE OF INVENTION: CARDIOVASCULAR DISORDERS

FILE REFERENCE: MIA-005.04

CURRENT APPLICATION NUMBER: US/09/031,626

CURRENT FILING DATE: 1998-02-27

EARLIER APPLICATION NUMBER: 08/890,979

EARLIER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTMARE: PatentIn Ver. 2.0

SEQ ID NO 56

LENGTH: 20

TYPE: DNA
ORGANISM: Human

US-09-031-626-56
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; TYPE: DNA
; CARONISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-15
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US-09-031-626-56/c
                                                                                                                                                                                                                                                                                                                                                                                                                                              3-09-134-607A-6/c
Sequence 6, Application US/09134607A
Patent No. 6252141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1.1%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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CURRENT FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: JOSEPH HITSCHDERG et al.
TITLE OF INVENTION: POLYNUCLEOTIDES CONTROLLING THE EXPRESSION
TITLE OF INVENTION: OF AND CODING FOR GENE B IN TOMATO AND USE
TITLE OF INVENTION: OF SAME FOR ALTERING CAROTENOID
TITLE OF INVENTION: BIOSYNTHESIS
                  COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead, Slimnote 890TX
                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 20001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity nes 17; Conserv
                                                                                                               COUNTRY:
                                                                                                                                                                   STREET: 20001 Je
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1037 GTGGGCGGCGGTGGTGGTAA 1056
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                                                                                                                    Virginia
: United States of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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MS DOS version 6.2
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Pred. No. 1.3e+02
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Pred. No. 1.3e+02;
                                                                                                                       America
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RESULT 43 US-09-356-806-92

GENERAL INFORMATION:

APPLICANT: Penny, Laura APPLICANT: Galvin, Margaret APPLICANT: Miller, Andrew Sequence 92, Application US/09356806 Patent No. 6586175

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Sequence 4, Application US/09965599
Patent No. 655670
GENERAL INFORMATION:
APPLICANT: ALZAWA, Akira
APPLICANT: Kawakami, Akiko
APPLICANT: Kondo, Toshihiko
TITLE OF INVENTION: Testis-Specific Gene
FILE REFERENCE: 6920/0J871
CURRENT APPLICATION NUMBER: US/09/965,599
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
                            S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; STRANDEDNESS: sir; TOPOLOGY: linear US-09-134-607A-6
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                                                                                                                             ; OTHER INFORMATION: PCR primer HT15-C US-09-965-599-4
                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-965-599-4
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Best Local S
Matches 17
                                                               Matches
                                                                            Query Match
Best Local
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                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                             FEATURE:
                                                                                                                                                                          ORGANISM: Artificial sequence
                                                                                                                                                                                                             LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Friedmam, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 32:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-562553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 800 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Windows version 3.11 SOFTWARE: Word for Windows version 2.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.1%;
Local Similarity 85.0%;
tee 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 972-3-5625554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1468 TGAACAATTTCAATTCCAGC 1487
                               1300 AATCTATTTTTTTATTTC 1319
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                                                                              Similarity
                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                            1.1%; Score 15.2; DB 1;
85.0%; Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US/09/134,607A
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Pred. No. 1.
 20
                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                               DB 1;
                                                                                           Length 20;
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                                                               Gaps
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; APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TURRENT APPLICATION HUMBER: US/09/356,806
CURRENT APPLICATION HUMBER: US/09/356,806
CURRENT FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 164
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 92
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-09-356-806-92
                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 32606-6669
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,780
FILING DATE: 30-OCT-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -08-960-780-11
                                      TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loewer, David
APPLICANT: Dullum, Charles Joseph
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
TITLE OF INVENTION: Sequences Which Encode These Toxins
NUMBER OF SEQUENCES: 134
                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
                                                                                                                                           TELEPHONE: 352-375-8100
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                                                                                                                                                                                      NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA-708
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1632 CCTCCCTACCCTTTTGAAAA 1651
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                    nucleic acid
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Narva, Kenneth E.
Stockhoff, Brian A.
Schmeits, James
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85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                           ; MOLECULE TYPE: DNA (genomic) US-09-073-898-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
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Best Local Similarity 85.0%;
Matches 17; Conservative
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                              Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                   TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/
FILING DATE: 30-CCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 30-CCT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/073,898
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
ADDITIONAL VARIABLE STATES
ADDITIONAL VARI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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y Match 1.1%;
Local Similarity 85.0%;
hes 17; Conservative
                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                       TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1630 ATCCTCCCTACCCTTTTGAA 1649
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INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
INVENTION: Sequences Which Encode These Toxins
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: Saliwanchik, Lloyd & Saliwanchik
2421 N.W. 418t Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                          352-372-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Stamp, Lisa
Morrill, Geo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Muller-Cohn, Judy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dullum, Charles Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Stockhoff, Brian
Schmeits, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Narva, Kenneth E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Schnept,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         oewer, David
                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US 08/960,780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US 60/029,848
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Brian A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ernest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MA-708C1
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Score 15.2; DB 1; Length 21; Pred. No. 1.4e+02; 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 15.2; DB 1;
Pred. No. 1.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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      Gaps
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US-09-850-351A-11
                                                                                                                                                      US-09-850-351A-11
                                                                       Best Local Similarity Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6656908
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11, Application US/09850351A
                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTIN Release #1.0, VE
SOFTWARE: PATENTIN RELEASE #1.0, VE
APPLICATION NUMBER: US/09/850,351A
                                                                                                                                                                                                                                                                                                                   NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
                                   1630 ATCCTCCCTACCCTTTGAA 1649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 418t Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1630 ATCCTCCCTACCCTTTTGAA 1649
                                                                                                                                                                          SEQUENCE DESCRIPTION:
                                                                                                                                                                                            MOLECULE
                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF
                                                                                                                                                STRANDEDNESS:
TOPOLOGY: linear
TOPOLOGY: DNA (genomic)
THE TYPE: DNA (genomic)
11:
                                                                                                                                                                                                                          LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 07-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: FL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Gainesville
                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Morrill, George
INVENTION: No. 665690Bel Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        32606-6669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Loewer, David
Dullum, Charles Joseph
Muller-Cohn, Judy
Stamp, Lisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Stockhoff, Brian Schmeits, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Narva,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Schnepf,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Feitelson,
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                                                                                             1.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Jerald S
                                                                         0; Mismatches
                                                                                             Score 15.2; DB 1
Pred. No. 1.4e+02
                                                                                                               DB 1; Length 21;
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RESULT 47

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RESULT 48
US-08-584-040-2547/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-832-021-20/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2547, Application US/08584040 Patent No. 6346398
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Best Local S
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APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Combates, N
APPLICANT: Pardinas, J
APPLICANT: Parimoo, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            itent No.
                                                                                  APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
                                                                                                                                                                                                                                                               ZIF: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
                                                                                                                                                                                           SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TUMBER OF SEQUENCES:
                                NAME: Warburg, Richard
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                          COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fi
REFERENCE/DOCKET NUMBER: 218
LECOMMUNICATION TWO 218
                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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5. 6045998
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                                                                                                                                                                                                                                                                                                                                                                                                        3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              McSwiggen, James
Stinchcomb, Dan T.
Escobedo, Jaime
JENTION: METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                             IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                              8502
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100.0%; Pred. No.
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                    218/064
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TELEPHONE:

(213) 489-1600

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US-08-584-040-2547
US-08-584-040-2548
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
FILING DATE: OCTOBER 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      08-584-040-2548/c
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stent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: CTITLE OF INV
                                                                                                                                     NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
TOPPLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 633 West Fi
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 1.1%; So
Local Similarity 100.0%; F
hes 15; Conservative 0;
                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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STATE: California
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                                                                                                                                                                                                                                                        67-3510
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                                                                                                                                                                                                                                                                                          (213) 955-0440
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Stinchcomb, Dan T.
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                                  linear
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Query Match

1.1%;

Score 15;

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Length 17;

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APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re]
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re]
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT STILING DATE: 1996-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 1072
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                                                            ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1072
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens 
US-09-371-772B-1071
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SEQ ID NO 1071
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1072, Application US/09371772B Patent No. 6566127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local
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Query Match
Best Local Similarity
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions I
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MSHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
NUMBER OF SEQ ID NOS: 14225
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 AAAAAAAAAAAGTA 1534
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Similarity 100.0%; P
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McSwiggen, Jim
Stinchcomb, Dan
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McSwiggen, Jim
Stinchcomb, Dan
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1.1%; Score 15;
100.0%; Pred. No.
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b; Pred. No. 1.2
0; Mismatches
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J. 1.2e+02;
O;
  DB 1; L
1.2e+02;
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                 Length 17;
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APPLICANT:

Rodney B.

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US-08-881-784-18/c
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TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                               Best Local Similarity 88.2%;
Matches 15; Conservative
            Sequence 18, Application US/08881784 Patent No. 6083731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 74, Application PC/TUS9103680 GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
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GENERAL INFORMATION:
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NAME: MUTABhige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
CLASSIFICATION: 435
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
                                                                                                                                                                                                                                                                                 NAME/KEY: modified_base
LOCATION: 18
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                         /mod_base= OTHER
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Pred. No. 1.3e+02;
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                                                                                      APPLICANT: Croteau, Rodney B
APPLICANT: Lupien, Shari L
APPLICANT: Lupien, Shari L
APPLICANT: Warp, Frank
TITLE OF INVENTION: RECOMBINANT MATERIALS AN
TITLE OF INVENTION: LIMONENE HYDROXYLASES
FILE REFERENCE: wsur13463
CURRENT APPLICATION NUMBER: US/09/292,768
CURRENT FILING DATE: 1999-04-14
EARLIER APPLICATION NUMBER: 08/881,784
EARLIER FILING DATE: 1997-06-24
NUMBER OF SEQ ID NOS: 70
                                                                                                                                                                                                                                                                                              Sequence 18, Application US/09292768 Patent No. 6194185 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
                                                     SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (206) 224-0779 INFORMATION FOR SEQ ID NO:
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:

NAME/KEY: misc_feature

LOCATION: 1..19

OTHER INFORMATION: /product= "Primer 3.B (Table 1)"
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REFERENCE/DOCKET NUMBER: WS
TELECOMMUNICATION INFORMATION:
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                                      ENGTH: 19
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ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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    Mismatches

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Pred. No.
                                                                                                                                                                                                                             AND METHODS FOR THE PRODUCTION OF
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Query Match
Best Local Similarity
Thes 15; Conservi
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APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Heck, Gregory R.
APPLICANT: Mishore, Ganesh M.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Logusch, Eugene W.
APPLICANT: Logusch, Eugene W.
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
TITLE OF INVENTION: Methods for controlling gilleric Reference: MOBT:216
CURRENT APPLICATION NUMBER: US/09/371,307A
CURRENT FILING DATE: 199-08-10
NUMBER OF SEQ ID NOS 89
SOFTWARE: Pacentin Ver. 2.0
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TYPE: DNA
; ORGANISM: Taenia solium metacestodes
US-09-676-589-6
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NUMBER OF SEQ ID NOS: 9
NUMBER: FABSUSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KONG, YOON APPLICANT: CHUNG, JOON APPLICANT: BAHK, YOUN
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ses 16; Conserv
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: BAHK, Young Yil
: KANG, Shin-Yong
: CHO, Seung-Yull
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Pred. No.
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Pred. No. 1.4e+02;
1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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                                                                                                                     gibberellin levels
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US-09-705-267A-153
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GREERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                     APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ 01 NO 153
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Loc
Matches
                                                                                                                                                                                                                                           Patent No. 6554.
Patent No. 6554.
Patent INFORMATION:
                                                                                                                                                                                                                                                              GENERAL
                                                                                                                                                                                                                                                                                Sequence 153, App
Patent No. 655182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6435
LENGTH: 20
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Sequence 6435, Application US/09422978
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                    ORGANISM: Artificial Sequence
                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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Pred. No. 1.4e+02;
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US-08-621-914A-16/c
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Best Local S
                                                                                                            Sequence 3, Application US/08346429 Patent No. 5837820
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                                                                             GENERAL INFORMATION:
APPLICANT: DeRose,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 790-9090 TELEFAX: (212) 869-9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: other nucleic acid
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN
                                                                                                                                                                                                                                                                                 y Match 1.1%;
Local Similarity 88.9%;
hes 16; Conservative
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STATE: NY
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                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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ZIP: 10036-2711
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STREET: 1155 AVENUE OF THE AMERICAS
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                                           DeRose, Richard
Douce, Roland
Duval, Manuel
               Job, Claudette
Job, Dominique
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; Pred. No.
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Pred. No. 1.4e+02;
0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 12, Application US/08358556A Patent No. 5869643
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Best Local Similarity
Matches 16; Conserv
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TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-POS/MS-DOS
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,429
FILING DATE: 29-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: BE TITLE OF INVENTION: A PROPERTY OF SEQUENCES: 7 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chatelain,
APPLICANT: Kumarev, V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                  CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                              ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
                                                        APPLICATION NUMBER: US/08/358,556A FILING DATE: 14-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: double TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: DiGiglio, Frank S. REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
APPLICATION NUMBER:
                                                                                                                                                                                                                                  COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                  Implementation
                                                                                                                                                                                                                                                                                                                                                                    Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BE USED FOR DETERMINING THE GERMINATION STAGE A SEED
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Pred. No. 1.
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FILING DATE: 16-DEC-1993 ATTORNEY/AGENT INFORMATION:

NAME: Player, William E. REGISTRATION NUMBER: 31, REFERENCE/DOCKET NUMBER:

31,409 ER: 10577/P58418

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RESULT 62
US-08-358-556A-18
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Best Local Similarity
Matches 16; Conserv
                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            atent No.
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INFORMATION FOR SEQ ID NO: 12
TELEX: RCA 248593 IDEA UR INFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE NO HYPOTHETICAL: NO
                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
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LENGTH: 18 base pairs
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STREET: 400 Seventh St. N.W.
CITY: Washington D.C
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LOCATION: 1...
                                TELEFAX:
                                            TELEPHONE:
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STRANDEDNESS: single
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                                : (202)638-6666
(202)393-5350
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting
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; Pred. No. 1.4e
0; Mismatches
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Matches
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No. 5874213
                                                              Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/295
FILING DATE: 24-AUG-1994
ATTORNEY AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: DNA (genomic MYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3100
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                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Griffey, Richard
TITLE OF INVENTION: Capillary Electrophoretic Detection
TITLE OF INVENTION: Nucleic Acids
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Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/0 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM:
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CITY: Philadelphia
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LOCATION: 1..
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STRANDEDNESS: single
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1520 AAAAAAAAAAAAGTAAAA 1537
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SYSTEM: PC-DOS/MS-DOS
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                                                              1.1%;
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Pred. No. 1
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                                                  Mismatches
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Sequent No. 6071/-;
Fatent No. 6071/-;
GENERAL INFORMATION:
APPLICANT: Lin, Ching-I Patsy
APPLICANT: Wallace, Robert Bruce
APPLICANT: Wallace, Robert Bruce
APPLICANT: French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
TITLE OF INVENTION: to Preserve RNA and DNA
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
"NDRESSEE: Townsend and Townsend and Crew LLP
"NDRESSEE: Townsend and Townsend and Crew LLP
"NDRESSEE: Townsend and Townsend Floor
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Best Local &
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INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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NAME: Michael P. Straher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Capillary Electrophoretic Detection of TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cummins, Lendell
APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Srivatsa, Susan C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
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CITY: Philadelphia
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Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-1395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/295,509B FILING DATE: 24-AUG-1994 CLASSIFICATION: 435
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ZIP: 19103
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US-08-559-397A-25
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Best Local S
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REFERENCE/DOCKET NUMBER: 02:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                   SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/559 FILING DATE: 15-NOV-1995 CLASSIFICATION: 435
                                                                                                                                                                                                              ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                               ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CLONING AND EXPRESSION OF TITLE OF INVENTION: BETA APP-C100 RECEPTOR (C100-R) NUMBER OF SEQUENCES: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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CELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Parent, Annette S. REGISTRATION NUMBER: 42,
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FILING DATE: 27-JUN-1997
                                                                                                                                                                             COMPUTER: IBM CONCERNING SYSTEM:
                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                    COUNTRY:
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o. 6083713
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Neve, Rachael L.
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88.9%; Pred. No. 1.
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/note= "t at positions 13-18 may be
                                                                                                                           US/08/559,397A
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                    6013-135
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FILING DALL.

CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKST NUMBER: 89-97
TELECOMMUNICATION: NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
"TOTREPHONE: (303) 499-8089
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                                                                   Matches
                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                       TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Keeling, Peter
APPLICANT: Guan, Hamping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
                                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445A
FILING DATE: 30-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                               Local Similarity hes 16; Conserv
                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Boulder
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Local Similarity 88.9%;
les 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX:
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                              1520 АЛАЛАЛАЛАЛАГТАЛАЛ 1537
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                                                                                                                                                                      ESS: double
not relevant
PE: cDNA to mRNA
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                                                                   Conservative
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                                                                 1.1%; Score 14.8; DB 1;
B8.9%; Pred. No. 1.4e+02;
Live 0; Mismatches 2;
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Pred. No. 1.4e+02;
0; Mismatches 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 18;
                                                                                                 Length 18;
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PATENT NO. 6107022;
PATENT NO. 6107022;
PARTICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Eart W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048;
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
CURRENT FILING DATE: 1999-03-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 146

SEQ ID NO 70

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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US-09-280-409-70/c
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Patent No. 635
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL
                                                             APPLICATION NUMBER: US/08/6
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                             SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
    APPLICATION NUMBER:
FILING DATE: July 13
APPLICATION NUMBER:
FILING DATE: Septemb
                                                                                                                                          SOFTWARE:
                                                                                                                                                          COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C.
                                                                                                                                                                                                                                                                    STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                        COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
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                                                                                                                                                                                                                                                                                                                                                                                                                              Folkerts, Otto
Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Skokut, Thomas .
Young, Scott A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08679645
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Edington, Brent E.
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                                                                                                                                                                                                                                                                                                                                   Lyon & Lyon
NUMBER: 08/300,726
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lining
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Thomas A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.1%;
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                                                                                                              US/08/679,645
                                                60/001,135
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; Pred. No. 1.4e
0; Mismatches
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US-08-679-645-1167
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Best Local Similarity 88.9%;
     APPLICATION UNMER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: COMPOSITION AND METHODS FOR TITLE OF INVENTION: MODULATION OF GENE EXPRESSION TITLE OF INVENTION: IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600 TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 633 West Fit
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071-2066
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STRANDEDNESS: single
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           430 GCTGCGGCGCCGGCGACG 447
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633 West Fifth Street
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Young, Scott A.
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Merlo, Donald J.
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(213)
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/09545225
Patent No. 6410321
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 0255
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Lyophilization of Cultured Human Cells to Preserve RNA and DNA
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
 SEQUENCE DESCRIPTION:
                                                                                                         FEATURE:
                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  427 GCGGCTGCGGCGCCGCCG 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18 GCTGCTGCGGCGGCGGCG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16;
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Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     H: 18 base pairs
                LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER /note= "t art positions 13-18 may be present or absent"
                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/884,029 FILING DATE: 27-JUN-1997
                                                                                  NAME/KEY: modified_base
                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RALLACE, Robert Bruce
Cossman, Jeffrey
French, Cynthia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lin, Ching-I Patey
                                                                                                                          DNA
                                                                                                                                         linear
SEQ ID NO: 9:
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                    02558B-059100US
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Query Match

1.1%;

Score 14.8;

DB 1;

Length 18;

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Query Match
Best Local Similarity
Tarches 16; Conserve
                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/370,541
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER FILING DATE: 1998-01-09
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 21
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; OTHER INFORMATION: Description of Artificial Sequence: antisense; OTHER INFORMATION: sequence
US-09-370-541-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-370-541-14/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE: ; OTHER INFORMATION: designed sequence for nucleic acid purification US-09-619-103-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14, Application US/09370541
Patent No. 6639062
GENERAL INFORMATION:
                                                                                                                                       SOFTWARE: Patentin
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Kurz, Markus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lobse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION STORE 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thatha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxxy-Modified Nucleosidic Compounds And Oligomeric
TITLE OF INVENTION: Compounds Prepared Therefrom
FILE REFERENCE: ISIS3993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ilarity 88.9%;
Conservative
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Pred. No. 1.
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US-10-125-295-9/c
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Best Local S
Matches 16
                                        Best Loc
Matches
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                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: «Ünknown»
PRIOR APPLICATION DATA:
APPLICATION UMMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
PILING DATE: 27-UN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
     1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Lyophilization of Cultured Human Cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lin, Ching-I Patsy
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                                                         Similarity
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                                                                                                                                          NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
                                                                                                                                                                                                                                                                                      LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Parent, Annette S. REGISTRATION NUMBER: 42,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/10/125,295 FILING DATE: 17-Apr-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Two Embarcadero Center, Eighth Floor
                                          Conservative
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Cossman, Jeffrey
French, Cynthia
                                                                                                                                                                                                                                                                       linear
                                                         1.1%;
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Pred. No. 1.4e
0; Mismatches
                                        0;
                                        Score 14.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2
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                                                                           DB 1;
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US-09-142-108C-27/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: Poly-a tail
US-09-803-263-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 76
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                 Sequence 27, Application US/09142108C
PATENT NO. 6774285
GENERAL INFORMATION:
APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 674513-2003.1
CURRENT APPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/09803263
Patent No. 6706476
GENERAL INFORMATION:
APPLICANT: Thirstrup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
FILE REFERENCE: 674513-2003.1
CURRENT APPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09803263
Patent No. 6706476
GENERAL NIFORMATION:
APPLICANT: Thirstrup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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REFERENCE: 11658
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Pred. No. 1.4e+02;
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Pred. No. 1.4e+02;
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APPLICANT: WRIGHT, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
FILE REFERENCE: SCIP1160-4
CURRENT APPLICATION NUMBER: US/09/500,700
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 08/863,813
PRIOR FILING DATE: 1997-05-27
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR FILING DATE: 1996-12-30
PRIOR FILING DATE: 1996-12-30
PRIOR APPLICATION NUMBER: PCT/US95/00829
PRIOR APPLICATION NUMBER: US 08/312,604
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                                                                           PCT-US94-05407-4/c; Sequence 4, Application PC/TUS9405407; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-500-700-68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1 SEQ ID NO 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 27
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                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/142,108C CURRENT FILING DATE: 1998-09-01 PRIOR APPLICATION NUMBER: PN8386 PRIOR FILING DATE: 1996-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 45 SOFTWARE: Patentin Ver. :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1994-01-18
NUMBER OF SEQ ID NOS: 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: BARBAS III, Carlos F.
APPLICANT: GOTTESFELD, Joel M.
                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: (GCG) 6 probe
                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18
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                 TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY" NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                      Similarity
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                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                    1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.4e+02;
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88.9%; Pred. No. 1
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US-08-756-728A-1/c
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    TELEPHONE: 201-487-5800
TELEPAX: 201-343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08756728A Patent No. 5821354 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,728A
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.1%; Score 14.8; DB 1; Best Local Similarity 88.9%; Pred. No. 1.4e+02; Matches 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CARRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05407
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/061,694
FILING DATE: 13-MAY-1993
INFORMATION FOR SEG ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                 NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Leclerc, Guy
APPLICANT: Martel, Remi
TITLE OF INVENTION: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD
TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS:
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CITY: Atlanta
STATE: Georgia
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CITY: Hackensack
STATE: New Jerse:
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STRANDEDNESS: sing
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STREET: Suite 1200, 127 Peachtree Street
STRANDEDNESS:
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                                                                                                                                             US-08-469-852A-2
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                                                                      Matches 16; Conservative
                                                                                    Query Match
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                  TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Woxdberfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "PRIMER"
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/2: FILING DATE: 24-AUG-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/01
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Griffey, Richard.
APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2015
                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                            NAME: Michael P. Straher REGISTRATION NUMBER: 38,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: PA
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                                                                                                                                                                                                               LENGTH:
                                 1520 АЛАЛАЛАЛАЛАЛ 1537
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AAAAAAAAAAAAAAA 2
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Freier, Susan M.
Griffey, Richard
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                                                                                                                                                              linear
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                                                                     0; Mismatches
                                                                                    Score 14.8;
Pred. No. 1.
                                                                                       1.5e+02;
                                                                                                        DB 1;
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                                                                     Indels
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                                                                     Gaps
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RESULT 82 US-08-271-882B-16/c ; Sequence 16, Application US/08271882B

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RESULT 83
US-08-295-509B-2/c
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                                                                                                                                                                                      Sequence 2, Application US/08295509B Patent No. 6045995
                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 16; Conserv
                                                  GENERAL INFORMATION:
APPLICANT: Cummins, Lendell L.
APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ronald G. S.
TITLE OF INVENTION: SE
TITLE OF INVENTION: MI
TITLE OF INVENTION: MI
TITLE OF INVENTION: DE
TITLE OF INVENTION: AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696ember 1, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic
TYPE: acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Murphy, David B REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                      1520 АААЛАААААААСТААА 1537
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633 West Fifth Street
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Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
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SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND
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Pred. No. 1.5e+02;
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RESULT 85
US-09-016-520-20/c
; Sequence 20, Application US/09016520A
; Patent No. 6127533
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CURRENT APPLICATION NUMBER: US/09/234,237
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                              Matches
                                                                                                                                                                               Query Match
Best Local (
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Leeds, Janet M
APPLICANT: Cummins, Lendell L
TITLE OF INVENTION: Fluorescence Based Nuclease Assay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,3
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 24-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC
OPERATING SYSTEM:
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STRANDEDNESS: single
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Similarity 88.9%;
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                                                                                                                                                              Conservative
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SYSTEM: PC-DOS/MS-DOS
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88.9%; Pred. No. 1
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Pred. No. 1.5e+02;
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GENERAL INFORMATION:

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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Andrew
TITLE OF INVENTION: MIMBER: US/09/016,520A
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PATENTIN Ver. 2.1
SOFTWARE: PATENTIN Ver. 2.1
SOFTWARE: PATENTIN Ver. 2.1
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US-09-016-520-21/c
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SEQ ID NO 21
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 21, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Amincoxy Modified Oligonucleotides
FILE REFERENCE: ISISS824
                                                                                                             Query Match
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                                                                          Matches
                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence -09-016-520-21
                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER: OF SEQ ID NOS: 47
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                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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LOCATION: (15)..(18)
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                                                                    . Match 1.1%;
Local Similarity 88.9%;
les 16; Conservative
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Pred. No. 1.5e.
O; Mismatches
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Pred. No. 1.
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RESULT 87

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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REPERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: COOK, Phillip D
APPLICANT: COOK, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISS824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence US-09-016-520-23
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LENGTH: 19
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-methoxyethoxy
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                                                                   Query Match
Best Local (
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                                                 Matches
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                                                                                                                                                                                 FEATURE:
NAME/KEY: misc feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
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                                                                                                                                                                                                                                                                                                          TYPE: DNA
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                                                                   Local Similarity
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1520 AAAAAAAAAAAGTAAAA 1537
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                                                                 Score 14.8;
Pred. No. 1
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Pred. No. 1.5e+02;
                                                   Mismatches
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                                                   Indels
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION, Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 25
                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence US-09-016-520-25
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 25, Application US/09016520A Patent No. 6127533
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                              PEATURE:
NAME/KEY: misc_feature
NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (16)..(19)
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mes 16; Conserv
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  Score 14.8; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 2;
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CURRENT FILING DATE: 1998-01-30
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 26
                                                                                                                                                                                                                     SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
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Patent No. 6127
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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NAME/KEY: misc_feature
LOCATION: (18)
LOCATION: 5-m
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                                                                          ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
                                                                                                                                                                           TYPE: DNA
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                                                            FEATURE:
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                  Description of Artificial Sequence: Synthetic Sequence
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Pred. No. 1.5e+02;
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Query Match

1.18;

Score 14.8;

DB 1;

Length 19;

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Sequence 33, Application US/09016520A

Patent No. 6127533

GENERAL INFORMATION:

APPLICANT: Cook, Phillip D

APPLICANT: Kawasaki, Andrew

TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides

FILE REFERENCE: ISIS2824

CURRENT APPLICATION NUMBER: US/09/016,520A

CURRENT FILING DATE: 1998-01-30

EARLIER APPLICATION NUMBER: 60/037,143

EARLIER APPLICATION NUMBER: 05/037,143

EARLIER APPLICATION NUMBER: 05/037,143
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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local
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SEQ ID NO 31
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                        TYPE: DNA
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Pred. No. 1.
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                                                                                                                           SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 19
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GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
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                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (16)..(19)
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Pred. No. 1
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Pred. No. 1.
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISSB24
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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CURRENT APPLICATION NUMBER: US/09/130,973; CURRENT FILING DATE: 1998-08-07; NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 19
TYPE
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US-09-016-520-44
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                                                                                                                                                                                                                                 Sequence 20, Application US/09130973

Patent No. 6172209

GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Rawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
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Patent No. 6147200
GENERAL INFORMATION:
APPLICANT: Manohazan, Muthiah
APPLICANT: Kawasaki, Andrew M
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Best Local S
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CURRENT FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 19
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Best Local Similarity
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APPLICANT: Fraser, Allister S
APPLICANT: Prakesh, Thatha P
TITLE OF INVENTION: 2'-O-acetamido Modified Monomers and Oligomers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: ISIS4071
                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (15)..(18)
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5 methyl, 2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence:
                                                                           FEATURE:
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Pred. No. 1.5e
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Pred. No. 1
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     6172209el
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                                                                                                         SOFTWARE: P
SEQ ID NO 22
LENGTH: 19
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CURRENT FILING DATE: 1998-08-07
RUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 19
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Best Local
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Best Local
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                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
TITLE OF INVENTION: Making Same
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                                                                                                                                                                                                               FILE REFERENCE:
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APPLICANT: Kawasaki, Andrew M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
LOCATION: (15)..(18)
OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
ORGANISM: Artificial Sequence FEATURE: FEATURE: NAME/KEY: misc_feature LOCATION: (15)...(18)
OTHER INFORMATION: 2'-O-metho
                                                                                          TYPE: DNA
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Local Similarity 88.9%;
hes 16; Conservative
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   2'-O-methoxyethyl (MOE)
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Pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1
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) OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: Sequence US-09-130-973-22
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US-09-130-973-24/c
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US-09-130-973-23/c
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APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
                                                                                   PILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 19
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                              TITLE OF INVENTION: Aminooxy-Mon
                                                                                                                                                                                                                                                 APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 09-130-973-23
                                                                                                                                                                                                                                                                                  APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Phillip Dan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-dimethylaminooxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
                                          TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 1.5e
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Pred. No. 1.5e+02
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORDANIEL PATENTIN VER. 2.1
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                                                              APPLICANT: Mannharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 26
LENGTH: 19
LENGTH: 19
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Best Local (
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APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods TITLE OF INVENTION: Making Same FILE REFERENCE: ISIS2955
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
FEATURE:
NAME/KEY: misc_feature
                                ORGANISM: Artificial Sequence
                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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Pred. No. 1.5e
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Pred. No. 1
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RESULT 106
US-09-130-973-31/c
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                                                                    APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-modified Oligo
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
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Best Local S
Matches 16
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Patent No. 6172209
GENERAL INFORMATION:
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Best Local S
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                                                          SEQ ID NO 31
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SEQ ID NO 27
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakask, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Medified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)
OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (18)
OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                     LENGTH: 19
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16; Conserv
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Pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1.5e+02;
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                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligo
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
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GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thatha P
APPLICANT: Kawasaki, Andraw M
APPLICANT: Kawasaki, Andraw M
APPLICANT: Kawasaki, Andraw M
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                   SOFTWARE: PASEQ ID NO 34
LENGTH: 19
TYPE: DNA
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                           Sequence 34, Application US/09130973 Patent No. 6172209
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
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COTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE) OTHER INFORMATION: Description of Artificial Sequence: No. 617220 OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:

NAME KEY: misc feature

LOCATION: (16)..(19)

OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DWAOE)

OTHER INFORMATION: Description of Artificial Sequence: No. 617220

OTHER INFORMATION: Sequence
ORGANISM: Artificial Sequence
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                                                                                PatentIn Ver. 2.1
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Pred. No. 1
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OTHER INFORMATION: Description of Artificial Sequence: 1
OTHER INFORMATION: Sequence
NAME/KEY: misc feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-O-methyleneiminooxyethyl thymidine
US-09-130-973-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 617220
; OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                   US-09-477-902-20/c
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US-09-130-973-44/c
                                                                                                                                                           Sequence 20, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Best Local
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                                                  CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
SOFTWARE:
                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Aminooxy-Moo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Phillip Dan
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
nes 16; Conserv
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Kawasaki, Andrew M
WENTION: Aminooxy-Modified Oligonucleotides And Methods For
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                 PatentIn Ver.
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ilarity 88.9%;
Conservative
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Pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
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FILE REFERENCE: ISIS2824

CURRENT APPLICATION NUMBER: US/09/477,902

CURRENT FILING DATE: 2000-01-05

PRIOR APPLICATION NUMBER: 09/016,520

PRIOR APPLICATION NUMBER: 09/016,520

PRIOR APPLICATION NUMBER: 09/037,143

PRIOR APPLICATION NUMBER: 60/037,143

PRIOR FILING DATE: 1997-02-14

NUMBER OF SEQ ID NOS: 47
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US-09-477-902-21/c
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                                                                                                                                                                                                       Sequence 22, Application US/09477902 Patent No. 6194598
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 88.9%;
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLS OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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NAME/KEY: misc feature
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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PEATURE:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5- methyl-2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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Similarity 88.9%;
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Pred. No. 1.
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Pred. No. 1.5e+02
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; Sequence 24, Application US/09477902; Patent No. 6194598; GENERAL INFORMATION:
; ARPLICANT: Cook, Phillip D; APPLICANT: Mancharan, Muthiah; APPLICANT: Kawasaki, Andrew; TITLE OF INVENTION: Aminooxy-Modified
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PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity 88.9%;
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LENGTH: 19
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GENERAL INFORMATION:
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LENGTH: 19
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
FILE REFERENCE: ISIS2824
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PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: misc_feature
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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Local Similarity 88.9%;
nes 16; Conservative
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   Aminooxy-Modified Oligonucleotides
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Pred. No. 1.5e+02;
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Pred. No. 1.
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FILE REFERENCE: ISIS2824

CURRENT APPLICATION NUMBER: US/09/477,902

CURRENT FILING DATE: 2000-01-05

PRIOR APPLICATION NUMBER: 09/016,520

PRIOR FILING DATE: 1998-01-30

PRIOR APPLICATION NUMBER: 60/037,143

PRIOR FILING DATE: 1997-02-14

NUMBER OF SEQ ID NOS: 47

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 24

LENGTH: 19

TYPED: Now
                                                                                                                                                   NAME/KEY: misc_feature; (16)..(19); IOCATION: (16)..(19); OTHER INFORMATION: 5-methyl-2'-O-propyl; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence
US-09-477-902-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature; LOCATION: (16)..(19); LOCATION: 18-methyl-2'-methoxyethoxy; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence
US-09-477-902-24
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NUMBER OF SEQ ID NOS: 47
SOFTWARE: PATENTIN VET. 2
SEQ ID NO 25
LENGTH: 19
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Best Local s
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Patent No. 6194598
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthia
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy
                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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Similarity 88.9%; Pred. No. 1.
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TIMBER: 60/037,143
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88.9%; Pred. No. 1.5e+02;
ative 0; Mismatches 2
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RESULT 116 US-09-477-902-26/c

Sequence 26, Application US/09477902 Patent No. 6194598

GENERAL INFORMATION:

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FILE REFERENCE: ISISB24
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT PILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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US-09-477-902-27/c
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APPLICANT: Cook, P
APPLICANT: Manohar
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Patent No. 6194598
                                                                                        Query Match
Best Local (
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SEQ ID NO 26
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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TITLE OF INVENTION: Aminooxy-Modified Oligonucleorides
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APPLICANT: Kawasaki, Andrew
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                     FEATURE: misc feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                          Similarity
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Pred. No. 1.5e.
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                                                                                        Score 14.8;
Pred. No. 1.
                                                                      Mismatches
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                                                                                          1.5e+02;
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1997-02-14
NUMBER: PATOR FILING DATE: 1997-02-14
NUMBER: PATOR FILING DATE: 1997-02-14
NUMBER: PATOR FILING DATE: 1997-02-14
                                                                                                    ; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-33
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Query Match
Best Local Similarity 88.2
                                                                                                                                                                                                                                                                                           SEQ ID NO 33
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LENGTH: 19
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APPLICANT:
APPLICANT:
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Best Local (
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APPLICANT: Kawasaki
TITLE OF INVENTION:
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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                                                                                                                                                                                                            LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc feature LOCATION: (16) (19)
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 88.9%;
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Kawasaki, Andrew
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                                             1.1%;
                         ; Score 14.8; D
; Pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
                                             .5e+02;
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AAAAAAAAAAGTAAAA 1537

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OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence; NAME/KEY: misc feature; LOCATION: (16)...(19); OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-34
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US-09-477-902-44/c
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                                                                                                                                                                               NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver.
SEQ ID NO 44
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SOFTWARE: PatentIn VO
SEQ ID NO 34
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APPLICANT: Cook, Phillip D
APPLICANT: Wanoharan, Muthiah
APPLICANT: Kawasaki, Andrew
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Patent No. 6194598
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                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc_feature LOCATION: (15)...(18)
                                                                                                     FEATURE:
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                                                                                                                                LENGTH: 19
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ilarity 88.9%;
Conservative
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Pred. No. 1.
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OTHER INFORMATION: Description of Artificial Sequence: Sequences for OTHER INFORMATION: Labeling US-08-726-278-16
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APPLICANT: Blumenfeld, Marta
APPLICANT: 11ya, Chumakov
APPLICANT: 11ya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENEST.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER APPLICATION NUMBER: 60/099,658
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US-08-726-278-16/c
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LENGTH: 19
                                                       EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION UMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 515
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURCHY/NANOGEN: 222-210 CURRENT APPLICATION NUMBER: US/08/726,278 CURRENT FILING DATE: 1996-10-04 PRIOR APPLICATION NUMBER: 08/271,882 PRIOR APPLICATION NUMBER: 08/271,882 PRIOR FILING DATE: 1994-07-07
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TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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Local Similarity 88.9%;
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5. 6238624
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Evans, Glen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Heller, Michael J.
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Pred. No. 1
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Pred. No. 1.5e+02;
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Sequence 6, Application US/09123108

Patent No. 6271358

Patent No. 6271358

GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Boswell, Herb

TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE
TITLE OF INVENTION: CONFORMATIONALLY PREORGANIZED
FILE REFERENCE: ISIS-3147 sequence listing
CURRENT APPLICATION NUMBER: US/09/123,108
CURRENT APPLICATION NUMBER: US/09/123,108
CURRENT FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; NAME/KEY: misc_feature
; LOCATION: 1..19
COTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
US-09-338-907-526
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CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: 11ya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 526, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
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SEQ ID NO 526
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LOCATION: 1..15
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
-09-338-907-515
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EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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Local Similarity 88.9%;
hes 16; Conservative
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pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
0; Mismatches 2
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APPLICANT: COllingwood, Stephen P.
APPLICANT: Moser, Heinz E.
APPLICANT: Moser, Heinz E.
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Altmann, Karl-Heinz
ITILE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-20900/A/MA2134/PCT
CURRENT APPLICATION NUMBER: US/09/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER APPLICATION NUMBER: PCT/GB97/01490
SEARLIER FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 19
TYDEN: NAN
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US-09-378-665A-5/c
; Sequence 5, Application US/09378665A
---ant No. 6277982
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTO
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Matches
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APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their
TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates
FILE REFERENCE: ISIS4072
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OTHER INFORMATION: 2'-modified T
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
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                                      ORGANISM: Artificial Sequence
                                                           TYPE: DNA
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Local Similarity 88.9%;
les 16; Conservation
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Manoharan, Muthiah
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Jung, Michael E.
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Pred. No. 1
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Pred. No. 1.5e+02;
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; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2 US-09-218-207-515
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                                                                                                                                             APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET, 018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
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APPLICANT: Bougueleret, Lydie
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EERLIER FILING DATE: 1998-09-09
EARLIER FILING DATE: 1998-09-09
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6346381
GENERAL INFORMATION:
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SOFTWARE: Patent.pm
SEQ ID NO 515
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Best Local
                                                        SEQ ID NO 526
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                                                                     EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEO ID NOS: 578
SOFTWARE: Patent.pm
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FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..19
TYPE: DNA
ORGANISM: Homo Sapiens
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Pred. No. 1
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Pred. No. 1.
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US-09-303-586-16/c
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16) _ (17)
OTHER INFORMATION: 3' - O-MOE linkage
NAME/KEY: misc_feature
LOCATION: (17) _ (18)
OTHER INFORMATION: 3' - O-MOE linkage
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CURRENT APPLICATION NUMBER: US/09/303,586

CURRENT FILING DATE: 1999-05-03

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PatentIn version 3.0

SEQ ID NO 15

LENGTH: 19
                                 SEQ ID NO 16
LENCYH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                   Sequence 16, Application US/09303586 Patent No. 6369209
                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
                                                                                                                                                                              TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational (FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatraman
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having
                                                                                                         NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
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LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
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LOCATION: (18)..(19)
OTHER INFORMATION: 3' - O-MOE linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
NAME/KEY: misc_feature
                    FEATURE:
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Pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
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US-09-303-586-18/c

; Sequence 10, Application US/09303586

; Patent No. 6369209

; GENERAL INFORMATION:
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; Sequence 17, Application US/09303586
; Patent No. 6369209
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CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOPTWARE: PatentIn version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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Matches 16; Conserv
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Best Local
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APPLICANT: Manoharan, Muthiah
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LOCATION: (15)..(16)
OTHER INFORMATION: sub O linkage
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
NAME/KEY: misc_feature
LOCATION: (17)..(18)
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OTHER INFORMATION: 3'
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NAME/KEY: misc feature
LOCATION: (18) - (19)
OTHER INFORMATION: 3' - O-MOE linkage;
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OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2' -
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OTHER INFORMATION: 2'
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LOCATION: (17)..(18)
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Pred. No. 1.5e
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Pred. No. 1
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; OTHER INFORMATION: 2'
US-09-303-586-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 26
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Best Local Similarity
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CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having
FILE REFERENCE: ISIS3310
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                                                                                                                                                                                                                            FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                      NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER_INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: 2' -
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NAME/KEY: misc_feature
  OTHER INFORMATION:
                  NAME/KEY: misc_feature
LOCATION: (19)..(19)
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LOCATION: (16)..(17)
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                                                                                                                                                                                                                                                                                                            TYPE: DNA
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LOCATION: (19)..(19)
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OTHER INFORMATION: 2' -
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LOCATION: (15)..(16)
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2'-modified T linkage
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Pred. No. 1
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                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/09227782 Patent No. 6403779
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Patent No. 6403779
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local :
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SEQ ID NO 1
LENGTH: 19
                                                                                                                                                                                                                                                                          APPLICANT: Kawasaki Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Ehillip D
APPLICANT: Prakash, Thazha P
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APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISI3315
FILE REFERENCE: ISI3315
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                    APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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APPLICANT: Fraser, Allister
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FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl- 2'- aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
                                                                                                           TYPE: DNA
                                    NAME/KEY: misc_feature LOCATION: (15)..(18)
                                                                        FEATURE:
                                                                                        ORGANISM: Artificial Sequence
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                                                                                                                                LENGTH: 19
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LENGTH: 19
TYPE: DNA
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LENGTH: 19
TYPE: DNA
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Best Local (
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                                                                                                                                                              FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver: 2.1
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APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                                                                         APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver: 2.1
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APPLICANT: Fraser,
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
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NAME/RE: misc_feature
NAME/RE: misc_feature
LOCATION: (15) . (18)
OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
                                                                                           ORGANISM: Artificial Sequence
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Pred. No. 1
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Query Match

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Score 14.8;

DB 1;

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Phillip D
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTMARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH. 1
                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09227782
Patent No. 6403779
GENERAL INFORMATION:
APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
                                                   ; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 5- methyl- 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence US-09-227-782-6
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; NAME/KEY: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence US-09-227-782-5
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US-09-227-782-5/c
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Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
Query Match
Best Local Similarity
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APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 1
Score 14.8;
Pred. No. 1
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; DB 1;
1.5e+02;
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; NAME/KEY: misc feature
.; LOCATION: (18)
OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
.; OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-7
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                                                                                                                                                          SEQ ID NO 8

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOPTWARE: PATENTIN VEY: 2.1
SEQ ID NO 7
                      Best
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                                       Query Match
     Matches
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                          APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thatha P
APPLICANT: Prakash, Thatha P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
                                                                                       NAME/KEY: misc feature
LOCATION: (18)
OTHER INFORMATION: 5- OTHER INFORMATION: Des
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                    Local
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1.1%;
1 Similarity 88.9%;
16; Conservative
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                                                                                           5- methyl- 2'-methoxyethoxy
Description of Artificial Sequence: No.
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   Score 14.8; DB 1;
pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1.5e+02;
0; Mismatches 2;
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                                       DB 1;
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AAAAAAAAAAAAAAAAA 1537 ||||||||||||| |||| AAAAAAAAAAAAAAAAA 2

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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; FEATURE:

NAME/KEY: misc feature

LOCATION: (15)...(18)

OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy

OTHER INFORMATION: Description of Artificial Sequence:
US-09-227-782-12
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Best Local Similarity
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Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/09227782 Patent No. 6403779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
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APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
                                                                                                                                                                                             ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                     LENGTH:
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Pred. No. 1.5e+02;
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Pred. No. 1
      Mismatches
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TITLE OF INVENTION: Phillip D

FILE REFERENCE: ISIS3315

CURRENT APPLICATION NUMBER: US/09/227,782

KUMBER OF SEQ ID NOS: 28

SOSTWARE: Patentin Ver. 2.1

SEQ ID NO 15

LENGTH: 19

TYPE: DW**
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                                                                                                                                                                                            APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SOFTWARE: PatentIn Ver. 2.1
Matches
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                Query Match
Best Local
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Best Local (
                                     FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
OTHER INFORMATION: Description of Artificial
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APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
                                                                                                                                                  LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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NAME/KEY: misc_feature
LOCATION: (16)...(19)
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Similarity 88.9%;
                 Similarity
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   Conservative
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                Score 14.8;
Pred. No. 1
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Pred. No. 1.5e+02;
   Mismatches
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                 .5e+02;
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APPLICANT: PREUSS, DAPHNE
APPLICANT: COPENHAVER, GREGORY
ITILE OF INVENTION: PLANT ARTIFICIAL CHROMOSOME COMPOSITIONS AND METHODS
FILE REFERENCE: ARCD:257--2
CURRENT APPLICATION NUMBER: US/09/553,231
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/073,741
PRIOR FILING DATE: 1998-02-05
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: Patentin Ver. 2.1
LENGTH: 19
TURNE DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity
Warches 16; Conserve
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                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Primer
3-09-553-231-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 32, Application US/09553231
Patent No. 6432647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25, Applica Patent No. 6429300 GENERAL INFORMATION:
                                                                                                       Query Match
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                                                                      Matches
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PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Lohse, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                 Local Similarity es 16; Conserv
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                              1535 AAAGGGAAGGCAGGATGT 1552
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Pred. No. 1.5e.
O; Mismatches
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Pred. No. 1.5e
O; Mismatches
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16) \( . (19) \)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-3
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                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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                                                            Matches
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: Isis-4406 CURRENT APPLICATION NUMBER: US/09/612,531 CURRENT FILING DATE: 2000-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/288,679
CURRENT FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/349,040 PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Guzaev, Andrei
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                           1520 АААААААААААСТААА 1537
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Similarity 88.9%;
                                                                            Similarity
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Mohan, Venkatraman
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Cole, Douglas
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Pred. No. 1
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                 PILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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Matches 16; Conserv
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Patent No. 6534639
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                          OTHER INFORMATION: Oligonucleotide

NAME/KEY: misc_feature
LOCATION: (17)...(17)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
NAME/KEY: misc_feature
LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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LOCATION: (19)..(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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                                               1.1%;
Local Similarity 88.9%;
hes 16; Conservative
                  1520 AAAAAAAAAAAGTAAAA 1537
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Conservative
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Pred. No. 1.
                                                                               Score 14.8; DB 1;
Pred. No. 1.5e+02;
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
BARLIER FILING DATE: 1998-04-21
FARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1.19—
; OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,
US-09-422-978-7292
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; LENGTH: 19
; TYPE: DNA
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 19
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
FILE REFERENCE: ISIS-5036
                   Best Local Similarity
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  Matches
                                    Query Match
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CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
PRIOR FILING DATE: 1998-08-07
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                                                                                                   NAME/KEY: misc feature LOCATION: (16)...(19)
OTHER INFORMATION: 2'-modified T
                                                                                                                                                                                                                                                TYPE: DNA
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                   1.1%; Score 14.8;
88.9%; Pred. No. 1.
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Pred. No. 1.5e+02;
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                     1.5e+02;
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                                        Length 19;
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APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIG4385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT EILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
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TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
FILE REFERENCE: ISIS-5036
CURRENT APPLICATION NUMBER: US/10/121,135
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR FILING DATE: 1999-08-06
PRIOR FILING DATE: 1998-08-07
NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER: OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 19
LENGTH: 19
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Patent No. 6552178
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
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SOFTWARE: PatentIn Vo
SEQ ID NO 10
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Best Local Similarity
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NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 2'-O-[2-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2'
OTHER INFORMATION: -sub-T)
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide NAME/KEY: misc_feature LOCATION: (16)...(18)
OTHER INFORMATION: Modified internucleoside linkage
                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Synthetic Construct
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Pred. No. 1.5e+02
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVERTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOPTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
                                                                  ; ORGANISM: Artificial Sequence; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-4
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US-09-349-040A-3/c
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LENGTH: 1
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Best Local (
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                                 Query Match
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FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
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                                                                                                                                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Phillip Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 88.9%;
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1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.5e+02;
tive 0; Mismatches 2
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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                                                                                  RESULT 161
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            Sequence 18, Application US/09409926 Patent No. 6617442 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/09349040A Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Walter F.
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Best Local Similarity
Matches 16; Conserv
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FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
                                                                                                                                                                                                     Matches
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Best Local Similarity
APPLICANT:
                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
NAME/KEY: misc_feature
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Crooke, Stanley T.
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Pred. No. 1.5e+02;
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Pred. No. 1.
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RESULT 163 US-10-123-597-2/c

GENERAL INFORMATION:

APPLICANT: Cook, Phillip D APPLICANT: Kawasaki, Andrew M APPLICANT: Manoharan, Muthiah Sequence 2, Application US/10123597 Patent No. 6624294

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CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 18
LENGTH: 19
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                                                                                                                                                      US-10-123-597-1
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
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                                                                           Matches
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Best Local S
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Best Local (
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lima, Walter F.
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
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                                                                                                                                                                                                                                                   FEATURE:
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                                                                                          Similarity
                                                                           Conservative
                                                                                            1.1%; Score 14.8;
88.9%; Pred. No. 1
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; NAME/KEY: misc_feature
; LOCATION: (15)...(18)
; OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-2
                                                   RESULT 165
US-10-123-597-4/c
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Wanoharan, Muthiah
APPLICANT: Wanoharan, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                 Sequence 4, Application US/10123597 Patent No. 6624294
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GENERAL INFORMATION:
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TITLE OF INVENTION: Regioselective Synthesis
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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16; Conserv
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Pred. No. 1.5e
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Pred. No. 1
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                                                                    Matches
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                                                                                                     Query Match
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APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cook, Phillip.D
APPLICANT: Kawasaki, Andr
APPLICANT: Manoharan, Mutl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILS REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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TYPE: DNA
                                                                                                                                                                                                                                                                 LENGTH: 19
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                                   1520 AAAAAAAAAAAAAGTAAAA 1537
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                                                                                     Similarity 88.9%;
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AAAAAAAAAAAAAAAAA
                                                                    Conservative
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Pred. No. 1.5e
0; Mismatches
                                                                                     Score 14.8; DB 1;
Pred. No. 1.5e+02;
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RESULT 167 US-10-123-597-6/c

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Best Local Similarity
Matches 16; Conserv
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                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                        SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-0-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
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OTHER INFORMATION: 5-methyl-2'-O-propyl
                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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   1520 AAAAAAAAAAAAGTAAAA 1537
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Prakash, Thazha P
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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US-10-123-597-8/c
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US-10-123-597-12/c
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 19
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   Matches
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Best Local
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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LOCATION: (18)...(18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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Similarity 88.9%;
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Prakash, Thazha P
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Manoharan, Ma
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Manoharan, Muthiah
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   Conservative
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Score 14.8; DI
Pred. No. 1.5e-
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Pred. No. 1.5e+02;
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-15
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US-10-123-597-15/c
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Matches 16; Conservation
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
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Query Match
Best Local Similarity
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakssh, Thazha P
APPLICANT: Prakssh, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16) . (19) OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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ORGANISM: Artificial Sequence
FEATURE:
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1.1%;
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Pred. No. 1.
Score 14.8; DB 1;
Pred. No. 1.5e+02;
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                     Length 19;
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; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence US-09-349-033A-1
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SEQ ID NO 25

LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                                                                                                                      APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound:
FILE REFERENCE ISIS-3312
CURRENT APPLICATION NUMBER: US/09/349,033A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Patent No. 6639061
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Best Local
                                                                      Query Match
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cook, Phillip Dan
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                   Local Similarity
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 1520 AAAAAAAAAAAAGTAAAA 1537
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                                                     Score 14.8;
Pred. No. 1
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Pred. No. 1.5e+02
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                                                                      Length 19;
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APPLICANT: Guinoso, Charles J.
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
CURRENT APPLICATION NUMBER: US/09/435,806
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR FILING DATE: 1998-07-14
PRIOR FILING DATE: 1998-07-14
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR FILING DATE: 1996-02-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
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TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
CURRENT APPLICATION NUMBER: US/09/435,806
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR FILING DATE: 1998-07-14
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR FILING DATE: 1996-02-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.2
SEQ ID NO 6
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; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Guinoso, Charles
  Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                               OTHER INFORMATION: Synthetic construct FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: n = uracil
                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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1e8 16; Conservative
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Score 14.8; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1.
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  Gaps
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Matches
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NAME/KEY: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 3'
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LOCATION: (16)..(17)
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      FEATURE:
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CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
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APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 15
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Patent No. 6737520
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                                                                                                                                                                                                                                                                                                       APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
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NAME/KEY: misc_feature

LOCATION: (18) - (19)

OTHER INFORMATION: 3' - O-MOE linkage
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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ORGANISM: Artificial Sequence
NAME/KEY: misc_feature
                                               ORGANISM: Artificial Sequence
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88.9%; Pred. No. 1.5e+02;
tive 0; Mismatches 2
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US-10-098-816-17/c
                                                                        US-10-098-816-17
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CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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                                      Query Match
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      Matches
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                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 3' -
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LOCATION: (18)...(19)
OTHER INFORMATION: 2' - O-MOE linkage
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OTHER INFORMATION: 3' -
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OTHER INFORMATION: Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (17)..(18)
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                                                                                       OTHER INFORMATION: 3'
                                                                                                     NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                       FEATURE:
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LOCATION: (17)..(18)
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LOCATION: (15)..(16)
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LOCATION: (16)..(17)
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1.1%;
Local Similarity 88.9%;
nes 16; Conservativo
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                     Score 14.8; DB 1;
Pred. No. 1.5e+02;
                                                                                                                                                                                                                     linkage;
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Pred. No. 1.5e+02;
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                     RESULT 181
US-10-098-816-26/c
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                                                                                                                                                             Sequence 26, Application US/10098816 Patent No. 6737520 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.0
SEQ ID NO 18
LENGTH: 19
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Manoharan, APPLICANT: Mohan, Vei
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LOCATION: (19) ... (19)
OTHER INFORMATION: 2' -
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LOCATION: (18)..(19)
OTHER INFORMATION: 2'
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LOCATION: (17)..(18)
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OTHER INFORMATION: 2'
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FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2'
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Pred. No. 1.5e+02
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RESULT 183
US-07-912-900-20/c
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Best Local Similarity
""" hes 16; Conserve
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; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26
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                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Triez, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3616
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
                Sequence 20, Application US/07912900 Patent No. 5349125 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3616, Application US/09696791 Patent No. 6770633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
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LOCATION: (18)..(19)
OTHER_INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: Oligonucleotide
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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LOCATION: (17)..(18)
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LOCATION: (16)..(17)
APPLICANT:
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Holton, Timothy A.
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Pred. No. 1.5e+02
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Pred. No. 1.5e+02
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; MOLECULE TYPE:
US-07-912-900-20
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 20
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                               Sequence 20, Application US/08285309 Patent No. 5569832
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Best Local (
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APPLICANT: C
APPLICANT: K
APPLICANT: I
APPLICANT: I
APPLICANT: I
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 8633
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                        TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                               ADDRESSEE: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza CITY: Garden City STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                   ZIP: 11530
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E: New York
TRY: U.S.A.
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400 Garden City Plaza
                                                                                                                                                                                                                                            Tanaka, Yoshikazı
Lester, Diane R.
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Yoshikazu
 PC-DOS/MS-DOS
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                                                                                                                                                                                                        GENETIC SEQUENCES ENCODING A 3,5'-
HYDROXYLASE AND USES
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88.9%; Pred. No. 1.6e
tive 0; Mismatches
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US-08-146-504-16/c
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LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (516) 742-43-6
TELEFAX: (516) 742-43-6
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SENERAL INFORMATION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                          ZIP: YVVA.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
TRM P.C. DOS (Ver
                                                                                                                                                                                                                                                                                        COMPUTER: IBM COMPAtible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
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TELEX: 67-3510

FORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
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NAME: DIG1910, Frank S.
REGISTRATION NUMBER: 31,346
REGERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
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                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
REFERENCE/DOCKET NUMBER: 203/218
RELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 1.1%;
Local Similarity 88.9%;
hes 16; Conservative
                                                   TELEPHONE: (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U
ZIP: 90017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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VENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
VENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
VENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PatentIn Release #1.0, Version #1.25
                                                                          (213)
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                                                       955-0440
                                                                          489-1600
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                                                                                                                                                                                                                            including application described below:
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Pred. No. 1.
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US-08-313-075A-11/c
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                                                                                          US-08-313-075A-11
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                              Matches 16; Conservative
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Best Local Similarity
                                                          Query Match
                                                                                                                                                                                             TELEFAX: (516) 742-4360
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 27-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL
FILING DATE: 07-JAN-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,075A
FILING DATE: 30-NOV-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL 1538/92
FILING DATE: 27-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANI: ....APPLICANT: Cornish, Edwina c.
APPLICANT: Tanaka, Yoshikazu
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
                                                                                                      TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                         TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                      FILING DATE: 25-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TOPOLOGY: li
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                                            Local Similarity
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 1519 TAAAAAAAAAAAAGTAAA 1536
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nilarity 88.9%;
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                            0; Mismatches
                                            Score 14.8; DB 1;
Pred. No. 1.6e+02;
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Pred. No. 1
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                                                          DB 1;
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                                                          Length 20;
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RESULT 188
US-08-502-046-20/c
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; OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries US-08-379-593-5
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                                                                                                                                                                         GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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APPLICANT: Cros,
                                APPLICANT: Tanaka, 1
APPLICANT: Lester, [
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Floppy disk, 1.44M storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.3
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/379,593
FILING DATE: 02-FEB-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                          APPLICANT: Holton, Timothy A.
APPLICANT: Cornish, Edwina C.
APPLICANT: Kovacic, Filippa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA"
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NAME: Berridge, William P.
REGISTRATION UNMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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ADDRESSEE: OLIFF & BERRIDGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF NUMBER OF SEQUENCES: 5
                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kurfurst, Robin APPLICANT: Battail, Nicole
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
nes 16; Conserv
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STATE: Virginia
COUNTRY: USA
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                                  Lester, Diane R.
VENTION: GENETIC SEQUENCES ENCODING A 3
VENTION: HYDROXYLASE AND USES
                                                                                          Tanaka, Yoshikazu
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rst, Robin
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 5929208
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 16,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 14-UU-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/285
FILING DATE: 03-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/146,504

APPLICATION NUMBER: 08/146,504
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Heller, Michael J.; and Tu, Eugene TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: DIGIGILO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                   APPLICATION NUMBER: FILING DATE: Octobe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                  CLASSIFICATION:
                                                                                                                                                                          COMPUTER: IBM compatible OPERATING SYSTEM: WINDOWS (VERSION 3.0)
                                                                                                                                                                                                                                                                    COUNTRY: USA
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                                                                                                                                                         SOFTWARE: WordPerfect (Version 6.0)
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California
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (516) 742-4343
                                                                                                 October 4, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
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88.9%; Pred. No. 1.
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                                                                                                                 US/08/725,976
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No. 5929208ember 1, 1993

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, MOLECULE TYPE: Other US-08-997-080-83
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Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 5968524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: WATSON, JAMES D.
APPLICANT: TAN, PAUL L.J.
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: DOS
SOFTWARE: PASTESQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
FILING DATE:
                                                                                                                                                                                                                         NAME: Sleath, Janet REGISTRATION NUMBER: 37,007 REFERENCE/DOCKET NUMBER: 111 TELECOMMUNICATION INFORMATION: TELEPHONE: 206.269-0565
                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                           STRANDEDNESS:
                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                               TELEPHONE: 206-269-0563
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER:
                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Murphy, David REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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2601 Elliott Avenue, Suite 4185
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 Score 14.8; DB 1; Length 20; Pred. No. 1.6e+02; O; Mismatches 2; Indels
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Pred. No. 1.6e+02;
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RESULT 192
US-08-965-780-1/c
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US-08-997-362-83
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                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: U.S. Patent Application No. FILING DATE: June 12, 1997
APPLICATION NUMBER: U.S. Patent Application No. FILING DATE: August 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleat, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKST NUMBER: 11000.1002c2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Fast-SEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                  TOPOLOGY: li
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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                                                                                                                     Similarity 88.9
16; Conservative
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                                                                                                                                                                                                                                            nucleic acid
                                                           AAAAAAAAAAAAAAAAAA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Law Offices of Ann W. Speckman
2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Skinner, Margot
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                                                                                                                                       88.98;
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12, 1997
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                                                                                                                                                                                                                                                                                              83:
                                                                                                                      0; Mismatches
                                                                                                                                       Score 14.8; DB 1;
Pred. No. 1.6e+02;
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                                                                                                                                                  Length 20;
                                                                                                                        Indels
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                                                                                                                        Gaps
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Sequence 1, Application US/08965780 Patent No. 5986084

GENERAL INFORMATION:

APPLICANT:

Stefan

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US-08-873-970-83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/965,780
FILING DATE: 07-NOV-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: CH 01931/97
FILING DATE: 18-NUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: KUBOVCIK, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: FREI-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-903
TELEPHONE: 202-887-903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Tan, F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 202-887-9093
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGIH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligoribonucleotide"
                                                                                                                                                             APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 106
                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: KUBOVCIK & KUBOVCIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD TITLE OF INVENTION: PREPARING THE SAME NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Weiss, Patrick A.
APPLICANT: Jenny, Luzi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 900 17th
CITY: Washington
STATE: DC
                                      COUNTRY: U
ZIP: 98121
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ZIP: 20006
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                                                                                        Seattle
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                                                                                                                                                                                                                                                                           Hiyama, Jun
Visser, Elizabeth
                                                       USA
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Scott, Linda
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Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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PATENT NO. 6103886

(GENERAL INFORMATION:
APPLICANT: Whitehead Institute for Biomedical Research
APPLICANT: Lahn, Bruce
APPLICANT: Lahn, Bruce
TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of
TITLE OF INVENTION: The Y Chromosome
FILE REFERENCE: WHI97-08pA
CURRENT APPLICATION NUMBER: US/09/058,489
CURRENT FILING DATE: 1998-04-10
EARLIER APPLICATION NUMBER: 60/041,877
EARLIER APPLICATION NUMBER: 60/041,877
EARLIER FILING DATE: 1997-04-11
NUMBER OF SEO ID NOS: 91
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US-09-058-489-70
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                                                                                                                          ; ORGANISM: Human
US-09-058-489-70
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                                                                                                                                                        SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                             Matches
                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 70,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/7/
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/873,970
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FARTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Sleath, Janet REGISTRATION NUMBER: 37,007
                                                                          Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 206-269-0563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1520 AAAAAAAAAAAGTAAAA 1537
                            662 CTCAGACTCACCTCTGAC 679
                                                             16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 AAAAAAAAAAAAAAAAAAA 18
                                                                          Similarity
CTCAGACTGACCTCGGAC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09058489
                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SYSTEM: DOS
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                          1.1%;
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Pred. No. 1.6e
0; Mismatches
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                                                           Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2
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                                                                                            DB 1;
                                                                                         Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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RESULT 195 US-08-765-340-96/c

Sequence 96, Application US/08765340 Patent No. 6150092 GENERAL INFORMATION:

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US-09-404-345-76
US-09-404-345-76
; Sequence 76, Application US/09404345
; Patent No. 6159734
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-765-340-96
                     APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
FILE REFERENCE: RTS-01.04
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION TOWNBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
APPLICATION SECURITARY LEGITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: SERUNIAN, LESLIE REGISTRATION NUMBER: 35 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 88.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DESCRIPTION: /desc = "synthetic
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CITY: NEW YORK
STATE: NEW YORK
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ZIP: 10154
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TANAKA, Y.,
MATSUDA, Y.,
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Pred. No. 1.6e
0; Mismatches
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US-09-095-855-83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 83,
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Best Local (
                                                Matches
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                                                                                Query Match
                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-199
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tan, Paul APPLICANT: Visser, Elizabeth APPLICANT: Visser, Elizabeth APPLICANT: Skinner, Margot APPLICANT: Skinner, Margot APPLICANT: Prestidge, Ross APPLICANT: Prestident and Diagnosis of Mycobacterial Infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                        TELEFAX:
                                                                                                                                                                                                                                                                                                                                                            NAME: Sleath, Janet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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1520 AAAAAAAAAAAAGTAAAA 1537
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Similarity 88.9%;
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                                                                  Similarity
                                                                                                                                                                                     nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                           206-269-0563
                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM Compatible
                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Diskette
                                                                                                                                                                   single
                                                                1.1%;
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Pred. No. 1.6e+02;
0; Mismatches 2;
                                              0,
                                                                Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                                Mismatches
                                                                                  DB 1;
                                                                               Length 20;
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Sequence 1, Application US/09407675
Patent No. 6169176
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ·08-482-918-32/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Zsebo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/407,675
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 09/347,443
PRIOR FILING DATE: 1999-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bruice, Thomas C. APPLICANT: Arya, Dev P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ITLE OF INVENTION:
                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/482,918
FILING DATE: 07-JUN-195
CLASSIFICATION: 424
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Oligo
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 20
                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION UNMERR: 36,107
REFERENCE/DOCKET NUMBER: 01017/33005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bosselman, Robert APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Stem Cell Factor
TELEFAX: 31.
TELEFAX: 25-3856
                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                        STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 6300 |
CITY: Chicago
STATE: Illino
                                                        TELEPHONE:
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                                    312/474-0448
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SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30448.65US02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.1%; Score 14.8; DB 1; Length 20; 88.9%; Pred. No. 1.6e+02; ative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/111,800
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                                                              Matches
                                                                             Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 35,107
REFERENCE/DOCKET NUMBER: 01017/33005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                        TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                       TELEFAX: 31-.
TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Y Match 1.1%;
Local Similarity 88.9%;
                                                                                                                                                                                                                                                    TELEPHONE: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS; single
                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1520 AAAAAAAAAAAAGTAAAA 1537
                             1520 AAAAAAAAAAAGTAAAA 1537
18 AAAAAAAAAAAAAAAAA 1
                                                              16;
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                                                                           Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4, Application US/08482918
6207417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: Marshall, O'Toole, Gerstein, Murray & Borun
6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bosselman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suggs, Sidney V
                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Krisztina M.
                                                                             88.9%;
                                                                             1.1%; Score 14.8; DB 1
38.9%; Pred. No. 1.6e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                            Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ,,
                                                            <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.8;
Pred. No. 1.
                                                              Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .6e+02;
                                                                                            DB 1;
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                                                                                        Length 20;
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US-09-224-681-32/c<sup>‡</sup> ; Sequence 32, Application US/09224681

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                                                                                                                                         US-09-224-681-32
                                                                     Matches
                                                                                                   Query Match
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APPLICATION NUMBER: 07/537,198

FILING DATE: 11-JUN-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/422,383

FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                        TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                                              NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
REFERENCE/DOCKET NUMBER: 01017/35199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4/
FILING DATE: 24-MAY-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/00
FILING DATE: 12-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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CITY: Chicago
STATE: Illinoi
                                                                                      Local
                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/9 FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION
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                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                  1520 AAAAAAAAAAAAGTAAAA 1537
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 18
                                                                                      Similarity
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: United States of America
                                                                                                                                                                                                                            20 base pairs
                                                                                                                                                                                                                                                                                                    312/474-0448
                                                                     Conservative
                                                                                                                                                          linear
E: DNA
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                                                                                                                                                                                                                                                                                                                    312/474-6300
                                                                                                                                                                                         single
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                                                                                    1.1%;
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                                                                                                                                                                                                                                                                 32:
                                                                    0
                                                                  Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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South Wacker Drive
                                                                                                   Length 20;
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, MOLECULE TYPE: DNA
US-09-224-681-34
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US-09-224:681-34/c
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                                      Query Match
                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING CALLSTON:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                         NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 010
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/42
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 12-JAN-
CLASSIFICATION:
PRIOR APPLICATION DATA:
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Suggs, Sidney V.

APPLICANT: Martin, Francis H.

TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
y Match 1.1%; Score 14.8; DB 1;
Local Similarity 88.9%; Pred. No. 1.6e+02;
hes 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/4 FILING DATE: 24-MAY-1995
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                                                                                                                     TOPOLOGY:
                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                         TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: United States of America
                                                                                                                                                                        LENGTH:
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                                                                                                                                                       nucleic acid
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                                                                                                                                                                            20 base pairs
                                                                                                                                                                                                                                                         312/474-0448
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Suggs, Sidney
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Bosselman, Robert A.
                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24-AUG-1990
                                                                                                                                   single
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                                      Length 20;
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                                                                           Query Match
Best Local S
                                                               Matches
                                                                                                                                                                                                                       TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 07/589,701

PILING DATE: 01-OCT-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/573,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 011
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/5:
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 24-AUG-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                            Local Similarity
                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 24-AUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                         TELEFAX:
                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                         NAME: Clough, David REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 60606-6402
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                                                                                                                                                                                                             LENGTH: 20 base pairs
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18 AAAAAAAAAAAAAA 1
18
                               AAAAAAAAAAGTAAAA 1537
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Suggs, Sidney V.
Martin, Francis H.
                                                                                                                                                                                                                                                                         312/474-0448
                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             United States of America
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                                                                                                                                                                                                                                                                                                                                                         David W
                                                                                                                                                                        single
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                                                                            1.1%;
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                                                                                                                                                                                                                                             32:
                                                               0;
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                                                             Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
                                                                                           Length 20;
                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 70 base pairs
                                                                                                                                    Matches
                                                                                                                                                                        Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589
PRIOR APPLICATION UMBER: 07/589
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,
APPLICATION NUMBER: 07/573,
PRIOR APPLICATION NUMBER: 07/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RILLING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/42
FILTING
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CURRENT APPLICATION NUMBER: US/08/336,728A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS: ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/0 FILING DATE: 09-NOV-1994 CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Clough, David W. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 11-JU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,107 REFERENCE/DOCKET NUMBER: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 6300 (
                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                1520 АЛЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                    16;
18 AAAAAAAAAAAAAAAA 1
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                                                                                                                                                                        Similarity
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6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              312/474-0448
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Martin, Francis H.
                                                                                                                                        Conservative
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                                                                                                                                 0; Mismatches
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                                                                                                                                                                        Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                         Length 20;
                                                                                                                                            Indels
                                                                                                                                        0;
                                                                                                                                        Gaps
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WS-09-250-075-1/c US-09-250-075-1/c ; Sequence 1, Application US/09250075 ; Patent No. 6207819

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GENERAL INFORMATION:

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RESULT 200
US-09-173-936B-14/c
US-09-173-936B-14/c
; Sequence 14, Application US/09173936B
; Patent No. 6238865
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
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; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A SIMPLE AND A SIMPLE 
                                                                                                                                 TOPOLOGY: linear;
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-173-936B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
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NAME/KEY: misc_feature
LOCATION: (1). (19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
US-09-250-075-1
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Beet Local Similarity 88.9
Matches 16; Conservative
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CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 20
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/063,757
PILING DATE: 17-OCT-1997
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM-MS
OPERATING SYSTEM: Window 95
SOPTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,936B
FILLING DATE: 16-Oct-1998
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Cohen, Pontani, Lieberman & Pavane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: 3.50 inch Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10176
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Maier, Martin A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    551 Fifth Avenue
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Pred. No. 1.6e.
0; Mismatches
   Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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.6e+02;
                                                                      Length 20;
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RESULT 209
US-09-205-426-83
; Sequence 83, Ap
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; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-324-542-83
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US-09-454-704A-13
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                                                                                                                                                                                                                 ; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 83, Application US/09324542 Patent No. 6328978
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Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                     Matches
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                                                                                                         Query Match
                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Methods and Compounds for the Treatment TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders FILE REFERENCE: 11000.1007c1 CURRENT APPLICATION NUMBER: US/09/324,542 CURRENT FILING DATE: 1999-06-02 EARLIER APPLICATION NUMBER: US 08/997,080 EARLIER APPLICATION NUMBER: US 08/997,080 EARLIER FILING DATE: 1997-12-23 NUMBER OF SEQ ID NOS: 194 SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/454,704A
CURRENT FILING DATE: 199-12-03
NUMBER OF SEQ ID NOS: 14
SOPTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: High Throughput Functional Screening of TITLE OF INVENTION: cDNAs
FILE REFERENCE: P-UC 3662
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Watson, James D. APPLICANT: Tan, Paul L.J. APPLICANT: Prestidge, Ross
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                        Local
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                                 1520 AAAAAAAAAAAGTAAAA 1537
                                                                     16; Conservative
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 AAAAAAAAAAAAAAAA 18
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                                                                                      1.1%;
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                                                                     0; Mismatches
                                                                                        Score 14.8; DB 1
Pred. No. 1.6e+02
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Pred. No. 1
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                                                                       Gaps
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Application US/09205426

Patent No. 6406704

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TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE REFERENCE: 11000.1002c4
; CURRENT APPLICATION NUMBER: US/09/205,426
; CURRENT FILING DATE: 1998-12-04
; CARLIER APPLICATION NUMBER: U9/095,855
; EARLIER FILING DATE: 1998-06-11
; EARLIER APPLICATION NUMBER: 08/997,362
; EARLIER APPLICATION NUMBER: 08/997,362
; EARLIER APPLICATION NUMBER: 08/873,970
; EARLIER APPLICATION NUMBER: 08/873,970
; EARLIER APPLICATION NUMBER: 08/873,970
                                       RESULT 211
US-08-275-951-49/c
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                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: designed sequence for nucleic acid purification US-09-619-103-26
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Sequence 49, Application US/08275951 Patent No. 6451968
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Best Local Similarity
Matches 16; Conserv
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NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
                                                                                                                                                                                                                       Query Match 1.1%;
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: I
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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Patent No. 6429300
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/011002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
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                                                                                                                                                                                                                                                                                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                       AAAAAAAAAAAAAAAA 18
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Pred. No. 1.
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Pred. No. 1.
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1993-05-22
PRIOR FILING DATE: 1992-05-22
PRIOR FILING DATE: 1992-05-22
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LENGTH: 20
                TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Backl TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEO ID NOS: 12
SOFTWARE: PatentIn version 3.0
SEO ID NO 1
LENGTH: 20
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Best Local &
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PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1991-(
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TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc feature
LOCATION: (13)
COTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc feature
LOCATION: (20)
OTHER INFORMATION: N is Pseudoiscytosine
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ORGANISM: Artificial Sequence
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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Buchardt, Ole
Dueholm, Kim L.
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Kiely, John
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Pred. No. 1.6e+02
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ORGANISM: Artificial Sequence FEATURE:

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RESULT 214
US-09-976-978A-55
; Sequence 55, Application US/09976978A
; Patent NO. 6532097
; GENERAL INFORMATION:
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 2000-04
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 55
LENGTH: 20
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 GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Lettsinger, Rob
APPLICANT: Mucic, Robert
                                                                                                                                                                                                                                                               Best Local Similarity
Matches 16; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
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ANT: Mirkin, Chad A.
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Mucic, Robert C.
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ilarity 88.9%;
Conservative
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Pred. No. 1
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Pred. No. 1.6e+02;
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
TILE OF INVENTION: AND USES THEREFOR
TILE OF INVENTION: AND USES THEREFOR
CURRENT APPLICATION NUMBER: US/09/976,978A
CCURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/144,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1997-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 2000-04-26
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                APPLICANT: VIITA, Pasi
TITLE OF INVENTION: Aminooxy Functionalized Oligomers
FILE REFERENCE: ISIS-3508
CURRENT APPLICATION NUMBER: US/09/344,260A
CURRENT FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SQ ID NO 55
LENGTH: 20
TYPE: DNA
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APPLICANT: Manoharan,
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Best Local
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APPLICANT:
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                                                                                                                                                        NAME/KEY: misc_feature
OTHER INFORMATION: No. 6576752el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                        Similarity
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                                                       Conservative
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                                                                             88.9%;
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                                                                           Score 14.8; DB 1
Pred. No. 1.6e+02
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Pred. No. 1.
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                                                         Mismatches
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                                                                                                 DB 1;
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                                                       Gaps
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; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-961-949A-55
CURRENT APPLICATION NUMBER: US/09/966,491A
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 55, Application US/09966491A
Patent No. 6610491
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Best Local
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Patent No. 65829
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, (
APPLICANT: Letsinge
APPLICANT: Mucic, F
APPLICANT: Storhoff
                                                                                                                                                                                                                    APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/961,949A
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                09-966-491A-55
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APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20
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Mucic, Robert C.
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Pred. No. 1
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
FITTLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FITTLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i3
CURRENT APPLICATION NUMBER: US/09/957,313A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/644,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/27/12783
PRIOR APPLICATION NUMBER: 09/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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  문
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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                                                                                                       Best
                                                                                                                              Query Match
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APPLICANT: Storhof
APPLICANT: Elghani
APPLICANT: Taton, '
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Best Local
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PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mirkin, Chad
                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: random OTHER INFORMATION: synthetic sequence
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                                        1520 AAAAAAAAAAAGTAAAA 1537
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AAAAAAAAAAAAAAAAA 18
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                                                                                   1.1%; Score 14.8; 1
88.9%; Pred. No. 1.60
tive 0; Mismatches
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Pred. No. 1
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                                                                                                          .6e+02
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                                                                                                                            Length 20;
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US-09-966-312-55

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APPLICANT: EIGHANIAN, ROBERT
APPLICANT: TAECH, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-111
CURRENT APPLICATION NUMBER: US/09/975,062A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667.
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GRGANISM: Artificial Sequence
FEATURE:
GOTHER INFORMATION: Description of Artificial Sequence:random
GOTHER INFORMATION: Synthetic sequence
US-09-966-312-55
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CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PRIOR DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR PPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/2140,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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APPLICANT: Letsinger, Robe
APPLICANT: Mucic, Robert C
APPLICANT: Storhoff, James
APPLICANT: Elghandan, Robe
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SEQ ID NO 55
LENGTH: 20
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GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mirkin, Chad A.
APPLICANT: Leteinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, Jame
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Mucic, Robert C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Letsinger, Robert
Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Storhoff, James J.
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ilarity 88.9%;
Conservative
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Pred. No. 1.6e+0
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8; DB 1;
1.6e+02;
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APPLICANT: SICOPHOFF, James J.

APPLICANT: ELSCANGE, James J.

APPLICANT: ELSCANGE, TROMAS A.

ITILE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETOR

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00-713-i18

CURRENT APPLICATION NUMBER: US/09/976,971A

CURRENT FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: ECT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/700 161
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                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-976-971A-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-976-971A-55
                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Sequence 55, hpc
No. 6682895
                                                                                              Matches
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                 Query Match
Best Local Similarity 88.9%;
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/200,161 PRIOR FILING DATE: 2000-04-26
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                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                               1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                              16; Conservative
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AAAAAAAAAAAAAAAAAAAA 18
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                                                                                                                 Score 14.8;
Pred. No. 1
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Pred. No. 1.6e+02
                                                                                              Mismatches
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RESULT 222 US-09-687-246B-7/c ; Sequence 7, Application US/09687246B

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SOFTWARE: Patentin version 3.0
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: primer N-F1
US-09-687-2468-7
                                                                 ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-974-500A-55
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/974,500A
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Best Local Similarity
                    Query Match
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GENERAL INFORMATION:
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APPLICANT: Nelson, William
APPLICANT: Tchou, Julia
APPLICANT: Tchou, Julia
APPLICANT: Bakker, Jila
APPLICANT: Lin, Xiaohui
TITLE OF INVENTION: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE |
FILE REFERENCE: JHU1660-1
CURRENT APPLICATION NUMBER: US/09/687,246B
CURRENT APPLICATION NUMBER: 500/159,168
PRIOR APPLICATION NUMBER: 60/159,168
PRIOR FILING DATE: 1999-10-13
NUMBER OF SEQ ID NOS: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert APPLICANT: Storhoff, Jame
                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
APPLICATION NUMBER: 60/031,809
FILING DATE: 1996-07-29
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Mucic, Robert C.
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Taton, Thomas A.
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1.1%;
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Pred. No. 1.6e+02;
Score 14.8; DB 1;
Pred. No. 1.6e+02;
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                    Length 20;
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APPLICANT: EIGHADIAIN, ROBERT
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANDMATICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NAND USES THEREFOR
FILE REFERENCE: 00-713-120
CURRENT APPLICATION NUMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/44,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/030,161
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1900-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-976-577-55
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GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NAND USES THEREFOR
FILE REFERENCE: 00-713-110
CURRENT APPLICATION UNMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION UNMBER: 09/603,830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                              Sequence 55, Application US/09973788A Patent No. 6720411
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Best Local (
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APPLICANT: Letsinger, F
APPLICANT: Mucic, Rober
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ORGANISM: Artificial Sequence
FEATURE:
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88.9%; Pred. No. 1.
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PRIOR PILING DATE: 199-06-26
PRIOR PILING DATE: 199-06-26
PRIOR PILING DATE: 199-06-26
PRIOR PILING DATE: 199-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PILING DATE: 199-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/201,809
PRIOR APPLICATION NUMBER: 60/201,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-973-788A-55
                                                                                                    ; FEATURE;
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-55
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PRIOR FILING DATE: 1999-01-29
PRIOR PPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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APPLICANT: Letsinge
APPLICANT: Mucic, F
APPLICANT: Storhoff
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Best Local Similarity
  Matches
                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 55, Application US/09976617A Patent No. 6730269
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-124
CURRENT APPLICATION NUMBER: US/09/976,617A
CURRENT FILING DATE: 2002-03-05
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                                                                                                                                                                                   LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
Local Similarity 88.9%;
hes 16; Conservative
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Mucic, Robert C.
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  1.1%; Score 14.8; DB 1; Length 20;
88.9%; Pred. No. 1.6e+02;
ive 0; Mismatches 2; Indels
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; Pred. No. 1.6e
0; Mismatches
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CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/663,830
PRIOR FILING DATE: 2000-06-26
PRIOR PRIOR DATE: 2000-06-26
PRIOR PRIOR DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR PRIOR PRIOR DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PRIOR PRIOR NUMBER: PCT/US97/12783
PRIOR PILING DATE: 1997-07-21
PRIOR PRIOR DATE: 1997-07-21
PRIOR PRIOR DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/00,161
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Patent No. 6
                                                                                                                                                                                                                                                                                                                                                       Sequence 55, Application US/09820279D Patent No. 6750016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
                APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Li, Zhi
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT FILING DATE: 2001-03-28
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-16
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APPLICANT: Letsing
APPLICANT: Mucic,
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1520 AAAAAAAAAAAGTAAAA 1537
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Elghanian, Robert
Taton, Thomas A.
Garimella, Viswanadham
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88.9%; Pred. No. 1.
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FILING DATE: 2001-01-12

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: synthetic sequence
US-09-820-279D-55
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US-09-820-279D-70
                                     PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
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Best Local Similarity
Matches 16; Conserv
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NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No.
                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-1085-A CURRENT APPLICATION NUMBER: US/09/820,279D CURRENT FILING DATE: 2001-03-28
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OR FILING DATE: 1999-06-25
OR PILING DATE: 1999-01-29
OR FILING DATE: 1999-01-29
OR APPLICATION NUMBER: PCT/US97/12783
OR FILING DATE: 1997-07-21
OR FILING DATE: 1997-07-21
OR FILING DATE: 1996-07-29
OR FILING DATE: 1996-07-29
OR APPLICATION NUMBER: 60/176,409
OR APPLICATION NUMBER: 60/176,409
OR FILING DATE: 2000-01-13
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FILING DATE: 2000-01-79
ADDITION NUMBER: 60/192,699
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FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
FILING DATE:
APPLICATION N
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Taton, Thomas A.
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Pred. No. 1.6e+02;
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APPLICANT: MUCIC, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION NUMBER: US/09/957,318A
CURRENT APPLICATION NUMBER: US/09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,67
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
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PRIOR FILING DATE: 2000-03-28
PRIOR FILING DATE: 2000-04-26
PRIOR PRILING DATE: 2000-04-26
PRIOR REPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: synthetic sequence US-09-957-318A-55
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SOFTWARE: Microsoft Wo
SEQ ID NO 55
LENGTH: 20
                                                                                                Matches
                                                                                                                                            Query Match
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Best Local (
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                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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                                              1520 AAAAAAAAAAAGTAAAA 1537
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I AAAAAAAAAAAAAAA 18
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88.9%; Pred. No. 1.6e+02
active 0; Mismatches
                                                                                                                     1.1%;
                                                                                                <u>,</u>
                                                                                                                       Score 14.8;
Pred. No. 1
                                                                                                   Mismatches
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                                                                                                   Indels
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                                                                                                   Gaps
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TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-635-251-32
밁
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Patent No. 6759215
GENERAL INFORMATION:
APPLICANT: ZBebo, Krisztina M
                                                                                 Matches
                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ·09-635-251-32/c
                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 60606-6402
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Stem Cell Factor
                       1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
18 AAAAAAAAAAAAAAAAA 1
                                                                                 16;
                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-Aug-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Illinois COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
FTREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Suggs, Sidney V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bosselman, Robert A.
                                                                                                1.1%;
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                                                                             0
                                                                                                Score 14.8; DB 1
Pred. No. 1.6e+02
                                                                                 Mismatches
                                                                                                                                                                                    32:
                                                                                                                    Length 20;
                                                                                 Indels
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TOPOLOGY: linear;

MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-635-251-34
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                                                                                                   Query Match
Best Local S
                                                                                  Matches
                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-Aug-2000
CLASSIFICATION: <URKnown>
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                              NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 60606-6402
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
                                          1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zsebo, Krisztina M.
18 AAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
                                                                                                   1.1%;
Similarity 88.9%;
                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 07/684,535 FILING DATE: 04-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bosselman, Robert A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Suggs, Sidney V.
                                                                         0;
                                                                                  Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   01017/32957A
                                                                                                                     Length 20;
                                                                                    Indels
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RESULT 233 US-09-760-500A-55

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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-760-500A-55
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CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 55, Application US/09981344 Patent No. 6777186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -09-981-344-55
                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/981,344
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                             APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: HANDPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-122
FILE REFERENCE: 00-713-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-715-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mirkin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Letsinger, Robert L.
Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mucic,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Letsinger,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2000-04-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.1%;
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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                                                                            Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application PC/TUS9307603 GENERAL INFORMATION:
                                                              Matches
                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                         MOLECULE TYPE: (
DESCRIPTION: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                           Local
                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Massachusetts
COUNTRY: United States of America
                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1520 AAAAAAAAAAAGTAAAA 1537
                             1520 АААААААААААСТАААА 1537
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1 AAAAAAAAAAAAAAAAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AAAAAAAAAAAAAAAAA 18
                                                                            Similarity
                                                                                                                                                                                                                                   nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                       linear
                                                                                                                                                        Other nucleic acid
Synthetic RNA oligonucleotide
NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19930813
                                                                         1.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.9%;
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                                                       0;
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Pred. No. 1.6e
0; Mismatches
                                                            Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2
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                                                                                             DB 1;
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                                                              Indels
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US-08-146-504-2
                                                                                                                                                                 Sequence 13, Application US/08455896 Patent No. 5668267
                                                                                                                                                                                                                                                                                                                                                        Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Patent No.
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                                                                                                                                                   GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
                                                                        APPLICANT: WATSON, MARK A. APPLICANT: PLEMING, TIMOTH TITLE OF INVENTION: DNA SETITLE OF INVENTION: MAMMAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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STATE: California
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 STREET:
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                 ADDRESSEE:
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5. 5605662
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E: ROGERS, HOWELL & HAFERKAMP 1400
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611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (213) 955-0440
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VENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
VENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
VENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (213) 489-1600
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                                                                        , TIMOTHY P.

DNA SEQUENCE AND ENCODED

MAMMARY-SPECIFIC BREAST CANCER PROTEIN
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                              APPLICATION NUMBER: US/08/359,29:
FILING DATE: 19-DEC-94
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: mp81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to THE TYPETHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                           OPERATING SYSTEM: Windows 3.1 SOFTWARE: Microsoft Word 5.1 CURRENT APPLICATION DATA:
APPLICATION TOTAL
                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Massiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Stephen (
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 670-9365
                                                                                                                                                                                                                                                                                                                                                                      CITY: Hayward
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/455,896
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                                                                                                                                                                                                                                                                                                                                                                                                                            Stephen C. Macevicz, Lynx Therapeutics, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cDNA to mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Massively Parallel Sequencing of Sorted Polynucleotides
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Pred. No. 1.7e+02;
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RESULT 240
US-08-933-149-13/c
; Sequence 13, Application US/08933149
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Best Local Similarity 88.5
Matches 16; Conservative
                                                                                                                                                   Matches
                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 23,
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/359,295
FILING DATE: 19-DEC-94
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
ATTONNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REFRENCES/DOCKET NUMBER: 30,285
REFRENCES/DOCKET NUMBER: mpms1
TELEPHONE: (510) 670-9365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                 TELEFAX: (510) 670-9302 INFORMATION FOR SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     tent No. 5863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: STREET CITY: Hayward CITY: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sydney Brenner
                                                                                                                                                                                                                                              LENGTH: 21 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Windows 3.1
SOFTWARE: Microsoft Word 5.1
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STRANDEDNESS: double
                                                                                                                                                                  Local
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                                                                                                                   1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                     AAAAAAAAAAAAAAAA 4
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3832 Bay Center Place
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21 nucleotides
                                                                                                                                                   Conservative
                                                                                                                                                                                                                                  linear
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Pred. No. 1.7e+02;
                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 1.7e+02;
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                                                                                                                                                                                   DB 1;
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US-08-725-976-2
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                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/08725976 Patent No. 5929208
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: WATSON, MAPPLICANT: FLEMING,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (314) 727-6092 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Heller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
              SOFTWARE: WordPerfect (Version 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
FILING DATE:
                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 37,848
                                                               COMPUTER: IBM compatible OPERATING SYSTEM: WINDOWS (VERSION 3.0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                       CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: ST. LOUIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                       COUNTRY:
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7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                Heller, Michael J.; and Tu, Eugene
TVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
                                                                                                                                                         USA
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October 4, 1996
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Pred. No. 1
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PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION UMMBER: 08/146,504 FILLING DATE: NO. 5929208ember 1, 1993 ATTORNEY/AGENT INFORMATION: NAME: MUTPHY, David B. REGISTRATION NUMBER: 31,125 REFERENCE/DOCKET NUMBER: 22/211 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600 TELEFAX: (213) 955-0440 TELEFAX: (213) 955-0440 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 242
US-09-082-343-13/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-725-976-2
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Best Local Similarity 88.9%;
Matches 16; Conservative
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                            TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HEREAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
                                                                                                                                                                                                                                                                                                                               ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,343
                                                                                                           NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECONMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: ST. LOUIS
STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid STRANDEDNESS: sing
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            TYPE: nucleic acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
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7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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Pred. No. 1.7e+02;
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BREAST CANCER PROTEIN
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                                                                                                                US-08-863-639A-10
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                                                         Matches
                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                 TELEFAX: (626) 795-633
                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: May 28, 1997
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,5
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
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HYPOTHETICAL:
                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER:
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                           1520 AAAAAAAAAAAGTAAAA 1537
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                                                      ch 1.1%;
l Similarity 88.9%;
16; Conservative
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1 AAAAAAAAAAAAAAAAA 18
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: CA
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(626) 79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                                                                                                                                                                                                                                                                                                                                                                                                         IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sheldon & Mak
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Diskette,
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88.9%;
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                                                                                                                                                                                                                                                                                        20,532
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                                                                                                                                                                                                                                                                                                                                                                                                                                          3.50 inch, 1.44 Mb storage
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Pred. No. 1.7e+02;
0; Mismatches 2;
                                                                    Score 14.8;
Pred. No. 1.
                                                      0; Mismatches
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                                                                    ..7e+02
                                                                                      DB 1;
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US-08-863-639A-13/c

Sequence 13, Application US/08863639A Patent No. 5981185 GENERAL INFORMATION:

APPLICANT:

Matson, Robert S. Coassin, Peter J.

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US-08-863-639A-13
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/08416214A Patent No. 5998596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 M
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Worderfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIPICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION: (626) 796-4000
TELEPHONE: (626) 796-4000
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERPECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,214A
PILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                  tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Shaldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bergan, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rampal, APPLICANT: Caskey, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                          STATE: NEW YORK
                                                                                                                                                                           COUNTRY: U
                                                                                                                                                                                                                                              STREET:
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                                                                                                                                                                                                                                                                                                          Bergan, Raymond; Neckers, Len
VENTION: Inhibition Of Protein
VENTION: Kinase Activity By Aptameric Action Of
VENTION: Oligonucleotides
EQUENCES: 12
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Caskey, C. T.
CASKEY, C. T.
VENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                            USA
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Pred. No. 1.
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HYPOTHETICAL: Yes
HATI-SENSE: NO
US-08-416-214A-12
US-09-082-253-13
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US-09-082-253-13/c
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APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTH
                                                                                                                                    TELEFAX: (314) 727-609
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                      FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION UNMBER: 35,197
REFERENCE/DOCKET NUMBER: 9527
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 758-4800
                                MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                 ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (212) 758-48( TELEFAX: (212) 751-6849
                                                                                  STRANDEDNESS:
                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 63105-1817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                  TOPOLOGY:
                                                                                                                     LENGTH: 21 base pairs
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Similarity 88.9%; Pred. No. 1.
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DEDNESS: Single
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7733 FORSYTH BOULEVARD, SUITE 1400
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                                                                                                                                                                       : (314) 727-5188
(314) 727-6092
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                                                   CDNA to mRNA
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DNA SEQUENCE AND ENCODED

MAMMARY-SPECIFIC BREAST CANCER PROTEIN
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Query Match

1.1%;

Score 14.8;

DB

Length 21;

Best Local Similarity

88.9%;

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RESULT 248
US-09-009-913-66
; Sequence 66, Application US/09009913
; Patent No. 6087485
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                                                                                                                                                                                                                     US-08-271-882B-2
                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conser
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                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/146,504
FILING DATE: NO. 6017696ember 1,
ATTORNEY/AGENT INFORMATION:
NAME: MUTPHY, DAVID B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
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5. 6017696
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633 West Fifth Street
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Eugene Tu
Glen A. Evans
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SELF-ASSEMBLING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULAR BIOLOGICAL ANALYSIS
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0; Mismatches 2;
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Pred. No. 1.
                                                                                                                                                         Mismatches
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                                                                                                                                                                                     DB 1;
                                                                                                                                                                                     Length 21;
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APPLICANT: Brenner: Sydney
TITLE OF INVENTION: Improved compositions for
FILE REFERENCE: 803.03
CURRENT APPLICATION NUMBER: US/09/183,650B
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: US 08/485,105
EARLIER FILING DATE: 1995-06-07
EARLIER FILING DATE: 1995-08-07
EARLIER FILING DATE: 1995-08-07
EARLIER FILING DATE: 1994-12-19
EARLIER FILING DATE: 1994-12-19
EARLIER APPLICATION NUMBER: US 08/322,348
EARLIER APPLICATION NUMBER: US 08/322,348
EARLIER FILING DATE: 1994-10-13
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Microsoft Word97
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TYPE: DAY ARTIFICIAL Sequence ORGANISM: Artificial Sequence FEATURE: No. 6140489special biological significance. NAME/KEY: Primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
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CITY: Palo Alto
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Similarity 80.0%;
16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                       Improved compositions for sorting polynucleotides
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Pred. No. 1.
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Gaps

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RESULT 251
US-09-162-622-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-726-278-2
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13, Application US/09162622 Patent No. 6566072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Heller, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08726278 Patent No. 6238624
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                                                                           SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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LENGTH: 21
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                                                                                           EARLIER APPLICATION NUMBER: 08/455,896
EARLIER FILING DATE: 1995-05-31
NUMBER OF SEO ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                     EARLIER
EARLIER
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APPLICANT: Tu, Eugene
APPLICANT: Evans, Glen A.
APPLICANT: Evans, Glen A.
APPLICANT: Sognowski, Ronald G.
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR PILING DATE: 1994-07-07
                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/162,622
CURRENT FILLING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 08/933,149
EARLIER FILING DATE: 1997-09-18
                                                                                                                                                                                                                                                                                   FILE REFERENCE: 6029-5134
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                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Mammaglobin, TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                    APPLICANT: WATSON, MARK A APPLICANT: FLEMING, TIMOTHY P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Sequences for OTHER INFORMATION: Labeling
   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                       LENGTH:
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Local Similarity 88.9%;
nes 16; Conservative
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                                                                                                                                                                   APPLICATION NUMBER: PCT/US96/08235
FILING DATE: 1996-05-31
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Pred. No. 1.7e+02;
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 21;
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RESULT 253
PCT-US96-08235-13/c
; Sequence 13, Application PC/TUS9608235
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Best Local
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, OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-162-622-13
                                                                                                                                                      SEQUENCE DESCRIPTION: SEQ ID NO: 13: US-09-509-015-13
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Patent No. 6677428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
GENERAL INFORMATION: MARK S.; FLEMING, TIMOTHY P.
APPLICANT: WATSON, MANMAGLOBIN, A SECRETED
TITLE OF INVENTION: MANMAGLOBIN, A REAST CAN
                                                                                                                                                                                                                                                                                                                                           TELEFAX: (314) 727-6
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,015
FILING DATE: 30-May-2000
CLASSIFICATION -CURROWN1>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/17991
FILING DATE: 1998-09-18
APPLICATION NUMBER: 08/933,149
FILING DATE: 1997-09-18
APPLICATION NUMBER: OS/933,149
FILING DATE: 1997-09-18
APPLICATION NUMBER: POST/US98/17991
FILING DATE: 1997-09-18
APPLICATION NUMBER: 08/933,149
FILING DATE: 1997-09-18
APPLICATION NUMBER: POST/US98/17991
FILING DATE: 1997-09-18
APPLICATION NUMBER: POST/US98/17991
FILING DATE: 1997-09-18
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                                                                                                                                                                                                                                                                                                                                                                                     NAME: KASTEN, DANIEL S.
REGISTRATION NUMBER: 45,363
REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
                                                                                                                                                                                                     HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1520 AAAAAAAAAAAGTAAAA 1537
                                    1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                             MOLECULE TYPE: cDNA to mRNA
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                                                                                                 Similarity
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AAAAAAAAAAAAAAAA
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: ST. LOUIS
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STREET: 7733 FORSYTH
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                                                                                                                                                                                                                                                              TOPOLOGY: linear
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                                                                            Conservative
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TH BOULEVARD,
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Pred. No. 1
                                                                                                 Score 14.8;
Pred. No. 1
                                                                              Mismatches
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, SUITE 1400
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                                                                                                 .7e+02
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                                                                                                                  DB 1;
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                                                                                                                  Length 21;
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                                                                              Indels
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GENERAL INFORMATION:

APPLICANT:

FLEMING,

TIMOTHY P.

MARK A.

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; MOLECULE TYPE:
; HYPOTHETICAL: N
; ANTI-SENSE: NO
PCT-US96-08235-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          -08-973-857-6/c
                                                                                                                                                                                                                                                                                                                                                                        equence 6, Application US/08973857 atent No. 6221584
                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: EMRICH, Thomas
APPLICANT: LEYING, Hermann
APPLICANT: HINZPETER, Matthias
APPLICANT: KARL, Gerlinde
TITLE OF INVENTION: METHOD FOR THE DETECTION OF
TITLE OF INVENTION: POLYMERASE ACTIVITY
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
ZIP: 20005-5701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP STREET: 655 Fifteenth St., NW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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STREET: 7733 FOR:
CITY: ST. LOUIS
STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                              COUNTRY:
                                                                                                                                                CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            POPOLOGY:
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TH BOULEVARD, SUITE 1400
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Pred. No. 1.7e+02;
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BREAST CANCER PROTEIN
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; Sequence 13, Application US/08536559A
; Patent No. 5994061
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                                                                                                                      ; DESCRIPTION: US-08-536-559A-13
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                                                           Matches
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Best Local Similarity
                                                                                      Query Match
                                                                                                                                                                                                                              APPLICATION NUMBER: US INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (202) 638-4810 INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 11-AUG-1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: P564-7031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 24-OCT-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-NOV-1995
                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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                                                                           Local
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                                                                                                                                                                                                                ENGTH:
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                            345 CTGCGCCGCCCCGCAG 360
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                                                           15;
                                                                         Similarity
                                                                                                                                                                                                nucleic acid
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                                                           Conservative
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                                                                                                                                                                     linear
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                                                                                                                                   other nucleic acid
/desc = "oligomer:
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93.8%;
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Pred. No. 1.7e+02;
                                                           Score 14.4; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 1
                                                                                                                                                                                                                                                                                             Version #1.30 (EPO)
                                                                                        DB 1;
                                                                                        Length 17;
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                                                           Gaps
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US-08-584-040-2545/c
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                                                                                                                                                                                          RESULT 257
                                                                                                                                                                                                                                                                                                                                                                                US-08-584-040-2545
                                                                                                                      Sequence 312, Application US/09474432B Patent No. 6528640 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOR'D PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 26,1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
APPLICANT:
APPLICANT:
                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                             Local
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STATE: California
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5. 6346398
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Burgin, Alex
Beaudry, Amber
Karpeisky, Alex
Adamic, Jasenka
Sweedler, David
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Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pavco, Pamela
                                                                                                                                                                                                                                                                                                                           1.0%;
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TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GROWTH FACTOR
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Pred. No. 1.
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-312
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US-09-371-772B-1069/c
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PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1069
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
                                                                                     Sequence 311, Application US/09476387
Patent No. 6617438
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 68/584,040
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CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                             Conservative
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93.8%; Pred. No. 1.7e+02;
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RESULT 260
US-09-866-108A-1459/c
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-311
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ADOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR PILING DATE: 1999-12-29
PRIOR PILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
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PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                           OR APPLICATION NUMBER: PCT/USO1/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00663
OR APPLICATION NUMBER: PCT/USO1/00663
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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Application data removed NOS: 15755
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Pred. No. 1.
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                    See File Wrapper or PALM
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILLING DATE: 2001-01-30
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US-09-866-108A-1460/c
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                                                                                                                                                                                                                                                         Patent No. 668
SEQ ID NO 1460
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SEQ ID NO 1459
                                                                                     Matches
                                                                                                                             Query Match
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Patent No. 6686188
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
APPLICANT: HANZEL, Da
                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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                                        332 TTCCCAGGAGCTCCTG 347
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HANZEL, David
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93.8%;
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Pred. No. 1.7e
0; Mismatches
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Pred. No. 1.7e
0; Mismatches
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1.7e+02;
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RESULT 263
US-09-866-108A-2271/c
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                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggan
APPLICANT: PENN, Shar
                                                                                                                                                                                                                                                                                                       Sequence 2271, Application US/09866108A Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6686188
SEQ ID NO 2270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US01/00668 PRIOR FILING DATE: 2001-01-30 PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                 PPLICANT:
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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o. 6686188
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David K.
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Pred. No. 1.7e+02;
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RESULT 265 US-09-422-978-9989

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Marta

Sequence 9989, Application US/09422978 Patent No. 6537751

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                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-09-280-409-46
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; SEQ ID NO 2271
; SEQ TR NO 1771
                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 46
LENGTH: 18
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
                                                               Query Match
Best Local Similarity
Matches 15; Conserv
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                     FEATURE:
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APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                        1491 ACATTAATTGCAGAAA 1506
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18 AGATTAATTGCAGAAA 3
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Pred. No. 1.8e+02;
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Pred. No. 1.7e+02;
                                                                  Mismatches
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FILE REFERENCE: GENSET.02CCP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
ENGLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA; ORGANISM: Chlamydia pneumoniae US-09-198-452A-6476
                                                                                                                                                                                                                                       US-09-032-438C-114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmente TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6476
LENGTH: 20
                                                          APPLICANT: Rattner,
APPLICANT: Sun, Hu1
APPLICANT: Lupski,
APPLICANT: Nathans,
APPLICANT: Anderson
APPLICANT: Leppert,
                                                                                                                                                                                                  Sequence 114, Application US/09032438C Patent No. 6713300
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6476, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-8655 for SEQ 2124, in compleme
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ORGANISM: Homo Sapiens
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Sun, Hui
Lupski, James R.
Nathans, Jeremy
Anderson, Kent L.
Leppert, Mark
Dean, Michael
Singh, Nanda
Shroyer, No. 6713300h F.
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Pred. No. 2e+02;
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Pred. No. 2e+02;
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APPLICANT: Smallwood, Philip M.
APPLICANT: Lewis, Richard A.
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For TITLE OF INVENTION: Transporter And Methods Of Screening For TITLE OF INVENTION: ATP-Binding Cassette Transporter FILE REFERENCE: BYLR-0065
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT APPLICATION NUMBER: US/039,388
PRIOR FILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                         ; ORGANISM: Homo Sapiens
; EEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification
US-09-422-978-6158
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US-09-422-978-6158
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                                                                           Query Match
Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biablelic markers for use in constructing a high density...
FILE REFERENCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6158
LENGTH: 19
TYPE: DNA
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Best Local S
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SEQ ID NO 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6158,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 653775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 20
                       1105 TAACTTCCATTTTTCCCCC 1123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1191 TTCGTGTGTGGTCTTT 1206
                                                                               16;
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                                                                                                Similarity
TACTITCTATTTTTCCCCC
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                                                                               Conservative
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                                                                                              1.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.0%; Score 14.4; DB 1; 93.8%; Pred. No. 2e+02; tive 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20
                                                                             0,
                                                                                                Score 14.2;
Pred. No. 2
19
                                                                               Mismatches
                                                                                                .1e+02;
                                                                                                                     DB 1;
                                                                                                                                                                                primer 99-9421 for
                                                                                                                   Length 19;
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                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             For ATP-Binding Cassette For Agents That Modify
                                                                                                                                                                                  SEQ 2224
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                                                                               Gaps
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RESULT 269 US-09-696-791-4049

Sequence 4049, Application US/09696791 Patent No. 6770633

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; HYPOTHETICAL:
; ANTI-SENSE: 1
US-08-052-404-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Appro-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4049
LENGTH: 19
LENGTH: 19
 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                     TELEPHONE: 619-235-855
TELEPAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Leff, Richard
TITLE OF INVENTION: Human Histidyl tRNA Synthetase
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,404
FILING DATE: 19390422
CLASSIFICATION: 435
                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION: NAME: Fuller, Michael L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nichols, Ralph
APPLICANT: Plotz, Paul
APPLICANT: Leff, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                STRANDEDNESS: do
                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1299 TAATCTATTTTTTTTTTT 1317
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 1.0%;
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Pred. No. 2.1e
0; Mismatches
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 Score 14.2;
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 DB 1;
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Length 20;
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US-08-837-201C-125/c
; Sequence 125, Application US/08837201C
; Patent No. 5985558
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US-08-479-156-7
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Matches 16; Conserv
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Matches 1
                                                                                                                                                                                                                                                                  Query Match
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION NUMBER: US/08/479,156
FILING DATE: 07-JUN-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/052,404
FILING DATE: 22-APR-1993
                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 22-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: FUller, wichael L.
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH031.001A
                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL: NO ANTI-SENSE: NO
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APPLICANT: Nichols, Ra
APPLICANT: Plotz, Paul
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Human Histidyl tRNA Synthetase
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 619-1-
TELEPHONE: 619-1-
TELEPHONE: 619-1-
TENO: 10 NO:
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                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                                                  Similarity
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Teff, Richard
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                                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 2.3e+02;
0; Mismatches 3;
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0; Mismatches
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3;
                                                                                                                                                                                                                                                                  Length 20;
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; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-08-837-201C-125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 273
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                   equence 132, Application US/08837201C

REERL NO. 598558

BENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

APPLICANT: Miraglia; Brenda F. Baker

TITLE OF INVENTION: Antisense Oligonucleotide

TITLE OF INVENTION: Compositions and Methods for the Modulation of

TITLE OF INVENTION: Activating Protein 1
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,7257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH,
                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
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                                                                                                                                                                                   STREET: 66 Ear
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
STRANDEDNESS: Singl
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                                                                                                                                                COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/8
FILING DATE: April 14, 1997
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                                                                                                                                                                                                                                        DDRESSEE:
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                                                                                                                                                                                                                   66 East Main Street
                                                                                                                                                                   USA
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                                                                                                                                                                                                                                      Law Offices of Jane Massey Licata
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.2; DB 1;
Pred. No. 2.3e+02;
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                                                                                                              1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
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; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-08-837-201C-132
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6018042
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Best Local
                                                                                                                                                                             APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. MUXTRAY
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 4-20047/P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 1
                                                                                                TELEFAX: (919) 541-8689 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                               COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Editor
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
MOLECULE TYPE: YES
                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (919) 541-8615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
      STRANGE TYPE: DNA (genomic)
                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Hawthorne
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Ciba-culture orive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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                                                                                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1290 TTGTGTGGTTAATCTATTT 1308
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Similarity 84.2%;
                                                               nucleic acid
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                                                                                20 base pairs
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Dean, Nicholas Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mett, Helmut
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (609) 810-1515
                                                single
                                                                                                                                                                                   4-20047/P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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Pred. No. 2.
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FILE REFERENCE: ASA-757
CURRENT APPLICATION NUMBER: US/09/228,942
CURRENT FILING DATE: 1999-01-12
NUMBER OF SEQ ID NOS: 8
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
CTURE INFORMATION: Description of Artificial
                                   OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide ligated to 3' end of DNA fragment
US-09-228-942-7
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US-09-488-671-143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 143
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Kambara, Hideki
APPLICANT: Uemareu, Chihiro
TITLE OF INVENTION: DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09228942 Patent No. 6203988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 143, Application US/09488671A
Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity Matches 16; Conserv
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 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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OTHER INFORMATION: /no
OTHER INFORMATION: pho
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les 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.2; DB 1;
Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
 Score 14.2;
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 DB 1;
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Length 20;
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US-09-021-701-340 Sequence 340, Appl Patent No. 6251588

Application US/09021701

GENERAL INFORMATION:

APPLICANT:
APPLICANT:
APPLICANT:

Shannon, Karen Wolber, Paul K.

Karen W.

Delenstarr, Glenda C. Webb, Peter G.

APPLICANT:

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                                                                                                                       ; MOLECULE TYPE: CI
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-339
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US-09-021-701-339
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                                                        Query Match
Best Local Similarity
Matches 16; Conserv
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 339,
                                                                                                                                                                                                                                                               TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION UNMBER: 36,697
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/021,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 10-FEB-1998 CLASSIFICATION:
                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304
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                                                                                                                                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                  ENGTH:
                     1246 TCTTTGTTTTGTTTTTTAA 1264
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2 TCTGGATTTTGTTTTTAA 20
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                                                                                                                                                                                                                                20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            B: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shannon,
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                                                           1.0%;
ilarity 84.2%;
Conservative (
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                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                               650-236-2386
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                                                           0;
                                                           Score 14.2; D
Pred. No. 2.3e
0; Mismatches
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                                                                            2.3e+02
                                                                                          DB 1;
                                                                                        Length 20;
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                                                           0;
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                                                           Gaps
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                                                                                                   ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-021-701-340
                                                                                                                                                                             APPLICANT: SUBAN MUTRAY
APPLICANT: Lex M. COWBERT
APPLICANT: Lex M. COWBERT
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT EPLLCATION UMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 23
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6268151
GENERAL INFORMATION:
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                                   Matches
                                                                    Query Match
                                 Best Local Similarity Matches 16; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
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HYPOTHETICAL: I
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELECPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1246 TCTTTGTTTTGTTTTTTAA 1264
 412 GTCCGGCACAGAGTGGCGG 430
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                                 Conservative
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                                                   Score 14.2; DB 1;
Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
                                   Mismatches
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                                                                  Length 20;
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US-09-306-998-6
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US-09-428-583-18
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                                                                                                                                                   RESULT 282
                                                                                                                                                                                                                                                                                                                                        US-09-306-998-6
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SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                 Sequence 125, Application US/09364416 Patent No. 6312900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bartel, Paul L.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MYSC2- An MWAC1 Interacting Protein
FILE REFERENCE: MMSC2
CURRENT APPLICATION NUMBER: US/09/306,998
CURRENT FILING DATE: 1999-05-07
EARLIER APPLICATION NUMBER: US 60/084,740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
TITLE OF INVENTION: TITLE OF INVENTION:
                                              APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren APPLICANT: Miraglia; Brenda F. Baker
                                                                                                                                                                                                                                                                                      ocal
                                                                                                                                                                                                                                     1238 CTTCCTCATCTTTGTTTTG 1256
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                                                                                                                                                                                                                                                                    Similarity 84.2%;
16; Conservative
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6271029
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Antisense Oligonucleotide
Compositions and Methods
Activating Protein 1
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Pred. No. 2
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Pred. No. 2.3e+02;
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                   for the Modulation
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NUMBER OF SEQUENCES: 1

ADDRESSEE:

E: Law Offices of Jane Massey Licata 66 East Main Street

CITY: Marlton

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RESULT 283
US-09-364-416-132/c
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Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US/08/837
APPLICATION NUMBER: US/08/837
ATTORNEY AGENT INFORMATION:
NAME: Jane Wassey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                         ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
OPERATING SYSTEM: MINDOWS 95
SOFTWARE: WORDERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Sing
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOCTWARE: WORDERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
PRIOR APPLICATION DATA:
                APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                          STREET: 66 Ear
CITY: Marlton
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                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.0%; Score 14.2; DB 1;
84.2%; Pred. No. 2.3e+02;
ative 0; Mismatches 3
                                                          US/09/364,416
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; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
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US-08-108-591B-4
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US-09-342-681C-51/c
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SEQ ID NO 51
LENGTH: 20
TYPE: DNA
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Best Local :
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Zonana et al.

TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins FILE REFERENCE: 52978

CURRENT APPLICATION NUMBER: US/09/342,681C

CURRENT FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR PILING DATE: 1998-07-09

PRIOR FILING DATE: 1998-07-09

PRIOR FILING DATE: 1998-12-15

NUMBER: 65 EEG ID NOS: 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (609) 810-15
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO:
FILE REFERENCE: ISISO540
                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primer that were used to clone OTHER INFORMATION: human DL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/01
FILING DATE: April 14, 1:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: Line
ANTI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                    Local
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Similarity 84.2%; Pred. No. 2.
16; Conservative 0; Microsci
                                                                                                                                                                                                                                                                                                                                                h 1.0%; Score 14.2; DB 1; Similarity 84.2%; Pred. No. 2.3e+02; 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                  ACATGGAGAATGACGCTGA
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RESULT 287
US-09-907-843-83
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US-09-661-753-11
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US-09-661-753-11/c
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                                       US-09-907-843-83
                                                                                                                   SEQ ID NO 83
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11, Application US/09661753
Patent No. 6436909
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
FILE REFERENCE: ISPH-0498
CURRENT APPLICATION NUMBER: US/09/661,753
CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 199-09-17
NUMBER OF SECT OF NOC. 69
                                                                                                                                                                                                                                  Sequence 83, Application US/09907843
Patent No. 6440739.
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freter
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 11
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/08/108,591B
CURRENT FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
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Best Local Similarity
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  Query Match
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                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
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ORGANISM: Artificial Sequence
FEATURE:
THE THE TRANSPORT OF THE TRANSPORT
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ORGANISM: Artificial Sequence
PEATURE:
                                                       FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                              ORGANISM: Artificial Sequence
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Pred. No. 2.3e+02
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Pred. No. 2.3e+02
Score 14.2;
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  DB
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Length 20;
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 413
SEQ ID NO 413
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4133
                                                                                         RESULT 290
US-09-198-452A-5443/c
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US-09-198-452A-4133/c
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US-09-705-267A-113
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Patent No. 6552294

GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
Sequence 5443, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
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Best Local Similarity
Matches 16; Conserva
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CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 113
LENCTH: 20
TYPE: DNA
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Best Local Similarity
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Patent No. 6551826
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5443
                                                                                                                               US-08-468-719A-4
                                                                                                                                                  RESULT 292
                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION; Description of Artificial Sequence:Primer PRR2A8
US-09-723-368-5
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Best Local Similarity
Matches 16; Conserv
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FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NO5: 6849
SEQ ID NO 5443
LENGTH: 20
                                                                      Sequence 4, Application US/08468719A Patent No. 6710163
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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PRIOR FILING DATE: 1999-06-02
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                                                                                                                   Matches
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/723,368
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. 60/087,862
PRIOR FILING DATE: 1998-06-03
               APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KRUMMENACHER, Claude
APPLICANT: UNIVERSITY OF PENNSYLVANIA
TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS
FILE REFERENCE: 200290.0050/201
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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GERAGHTY, Robert G.
MARTINEZ, Wanda M.
MONTGOMERY, Rebecca 1
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Berg,
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02
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US-08-462-977B-4
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                                                                                                                                              Sequence 6, Application US/09164249B Patent No. 6322971 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
FILE REFERENCE: ISPS-1999
CURRENT APPLICATION NUMBER: US/08/468,719A
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/108,591
PRIOR FILING DATE: 1993-11-22
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin version 3.2
SEQ ID NO 30
                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local (
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               APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION UNMERSE: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REPERENCE: ISIS-1993
CURRENT APPLICATION NUMBER: US/08/462,977B
CURRENT FILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
NUMBER OF SEQ ID NOS: 43
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
OTHER INFORMATION: No. 6713602el Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Similarity 84.2%; Pred. No. 2
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84.2%; Pred. No. 2
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-5
                                                                                                                                                                                                                                                                             RESULT 296
US-08-724-466B-17/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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LENGTH: 24
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PRIOR FILING DATE: 1992-02-19
NUMBER OF SEO ID NOS: 18
SOPTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1995-06-07 PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 1994-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically derived DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                             APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein NUMBER OF SEQUENCES: 30 CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon
COUNTRY: Canada COMPUTER READABLE FORM:
                  CITY: Toronto
ZIP: M5L 1A9
COUNTRY: Canada
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 100.0%;
                                                                              STREET:
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                                                                          Box 25, Commerce
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                                                                              Cassels & Graydon ommerce Court West
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Pred. No. 2.7e+02;
0; Mismatches 3;
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; OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide US-08-787-321-6
RESULT 298
US-08-882-164D-17/c
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,466B
FILING DATE: OCLOBER: 1,1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
ATTORNEY/AGENT INFORWATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
                                                                                                                                            Matches
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Best Local
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Best Local Similarity
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TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
FILE REFERENCE: (1300)-1199.002
CURRENT APPLICATION NUMBER: US/08/787,321A
CURRENT FILING DATE: 1997-01-03
EARLIER APPLICATION NUMBER: US PROV 60/009,918
EARLIER FILING DATE: 1996-01-12
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                               LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage COMPUTER: COMPAQ, IBM PC compatible OPERATING SYSTEM: MS-DOS 5.1
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Similarity 100.0%; P
                                                                                                                                          Conservative 0
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L00.0%; Pred. No.
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3. 1.7e+02;
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Sequence 17, Application US/08882164D Patent No. 6306624
GENERAL INFORMATION:
APPLICANT: Petkovich, P. Martin, V. APPLICANT: Beckett, Barbara R., Jo

Petkovich, P. Martin, White, Jay A., Beckett, Barbara R., Jones, Glenville

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RESULT 299
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FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
APPLICATION NUMBER: 1, 1996
APPLICATION TOCOMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CITEDENT NO. TOTAL TOTAL THE POST NO. TO
                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4.
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rampal, APPLICANT: Caskey, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
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CITY: Toronto
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 225 So
CITY: Pasadena
STATE: CA
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CLASSIFICATION:
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Box 25, Commerce Court West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Caskey, C. T.
NENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                                                                                                                                                                                                                                                        3.50 inch, 1.44 Mb storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9th Floor
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US-08-832-021-18/c; Sequence 18, Application US/08832021
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US-08-832-021-17/c
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SEQ ID NO 17
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                    Patent No. 6045998 GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 17,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
FILE REFERENCE: JBP-
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NUMBER OF SEQ ID NOS: 64
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APPLICANT: Pardinas, J
Parimoo, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (626) 795-632: INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
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Local Similarity 100.0%; P
Local Similarity 100.0%; P
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STRANDEDNESS: single
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REGISTRATION NUMBER:
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100.0%; Pred. No. 1.
tive 0; Mismatches
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; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity lov.
14; Conservative
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LENGTH: 15
                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08087387
Patent No. 5473060
GENERAL INFORMATION:
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Best Local &
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Patent No. 6045998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: JBB-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Combates, N.
APPLICANT: Parimo, S.
APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
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                SOFTWARE: Microsoft Word for Windows, vers. 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 in
                                                                                                                                                                                                                                                      APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic andtherapeutic applic
                                              COMPUTER: IBM compatible OPERATING SYSTEM: Windows
                                                                                                                                                  ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
STREET: 465 Lincoln Centre Drive
CITY: Foster City
STATE: California
APPLICATION NUMBER:
                                                                                                                     ZIP: 94404
                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1518 TTAAAAAAAAAAA 1531
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100.0%; Pred. No. 1.8e+02;
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Pred. No.
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hes 0;
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                                                                                US-08-455-627-6
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Query Match
Best Local Similarity 100.0%; I
Marches 14; Conservative 0;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                              TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                           REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,9
                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAX-1995
CLASSIFICATION: 435
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MEDIUM TYPE: Floppy disk
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply TITLE OF INVENTION: Connected Macromolecular Structures
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                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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(415) 35
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             Score 14; DB
; Pred. No. 2e+
0; Mismatches
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Pred. No.
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             DB 1; Length 16;
2e+02;
hes 0; Indels
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                                                                                                                                                                                                                                                           RESULT 306
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US-08-461-271-6/c
                                                                                                         Sequence 6, Application US/08713685A
Patent No. 5817795
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide
TITLE OF INVENTION: Oligonucleotide
TITLE OF INVENTION: And therapeutic
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (415) 358-7794
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
STREET: 465 Lincoln Centre Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 104
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/01
FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 5.25 in:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Oligonucleotide clamps having diagnostic TITLE OF INVENTION: and therapeutic applications NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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STATE: C
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               CITY: Foster City
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 465 Lincoln Centre Drive CITY: Foster City
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5. 5741643
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14; Conserv
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US-08-689-856-6/c
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
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APPLICANT: Sergei
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                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HELLICANT: Sergel M. Gryaznov TITLE OF INVENTION: Convergent TITLE OF INVENTION: Connected NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 10.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-7855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: sing
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                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                            FILING DATE:
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100.0%; Pred. No. 2e+02;
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Best Local Similarity 100.0%; F
Matches 14; Conservative 0;
                                                                  Matches
                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
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                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Allibert, Patric
APPLICANT: Cros, Philippe
APPLICANT: Mach, Bernard F.
                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: SYSTEM OF PROBES
TITLE OF INVENTION: TO BE PERFORMED,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: P.O. Box:
CITY: Alexandria
STATE: Virginia
ZIP: 22320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                        NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/485,133 FILING DATE: 7-JUN-1995
                                                                                                                                                      TOPOLOGY:
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                              AGGAGCTCCTGCGC 350
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                                                                  Conservative
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                                                                                                                                                    linear
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                                                                1.0%; Score 14; DB
100.0%; Pred. No. 2e-
tive 0; Mismatches
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENABLING HLA-DR TYPING SAID PROBES
                                                                              DB 1;
.. 2e+02;
                                                                <u>.</u>
                                                                                                Length 16;
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RESULT 310
US-08-584-040-2549/c
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US-09-070-477-6/c
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                                                                                                                                                                                         Patent No.
GENERAL I
                                                                                                                                                                                                                               Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 358-7794 INFORMATION FOR SEQ ID NO: 6:
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          APPLICANT: PAVCO, FUNCTION OF VASCULAR ENDOTHELIAL
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
OF INVENTION: CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: 5.25 in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/461,271
FILING DATE:
APPLICATION NUMBER: 08/087,387
FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOTWARE: Microsoft Word for Windows,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
TITLE OF INVENTION: and therapeutic applications
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 358-7855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/070,477 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Stephen C. Macevicz REGISTRATION NUMBER: 30,2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                1520 AAAAAAAAAAAGT 1533
                                                                                                                                                                                                           2549, Application US/08584040
5. 6346398
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                                                                                                                                                                                           INFORMATION:
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14; Conservative 0;
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SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5.25 inch diskette
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100.0%; Pred. No.
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2e+02;
hes 0; Indels
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CORRESPONDENCE ADDRESS:

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RESULT 311
US-09-474-432B-313/c
                                                APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/64,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-584-040-2549
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 313, Application US/09474432B Patent No. 6528640 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                PRIOR APPLICATION NUMBER: US 09/301,511 PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
TUMBER OF SEQ ID NOS: 1526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOYD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 12-10
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                     Karpeisky, Alex
Adamic, Jasenka
                                                                                                                                                                                                                                                                                    Sweedler, David
                                                                                                                                                                                                                                                                                                                                               Beaudry, Amber
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; Pred. No. 2.1e+
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APPLICANT: Pavo, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
ITITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237)198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
1.ENGTH. 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: RNA; Homo sapiens; ORGANISM: Homo sapiens US-09-474-432B-313
                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-476-387-312/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-371-772B-1073
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LENGTH: 17
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Patent No. 6617438
                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                          APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHBBO0-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Beigelman, Leo
                                      PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc.
PRIOR FILING DATE:
                    PRIOR APPLICATION NUMBER: 09/186,675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17
TYPE: RNA
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Adamic, Jasenka Matulic
Sweedler, Dave
Zinnen, Shawn
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Beaudry, Amber
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100.0%; Pred. No. 2.1e+0
ative 0; Mismatches
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100.0%; Pred. No.
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APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT TILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR APPLICATION NUMBER: 08/661,627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-312
                                                                                                                                                                                                                                                      US-09-130-079-1
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOPTWARE: Patentin version 3.0
SEQ ID NO 312
                                                                                                                                                                                                          Sequence 1, Application US/09130079
Patent No. 6270966
                              GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: The United States of America, as represented by the
APPLICANT: Secretary, Department of Health and Human Services
APPLICANT: SECRETARY, DEPARTMENT OF INVENTION: RESTRICTION DISPLAY (RD-PCR) OF DIFFERENTIALLY EXPRESS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 48
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Xu, Min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 48, Application US/09205995 Patent No. 6368855
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonuclectide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                    CITY: Newport Beach
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                            Local
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COUNTRY:
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14; Conserv
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Similarity 100.0%;
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Pred. No.
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hes 0;
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                                                                                                          US-09-422-978-5030
                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
SEQ ID NO 5030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5030, Application US/09422978 Patent No. 6537751
                                   Matches
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                                                                     Query Match
                                                                                                                                                                                                                                                                  APPLICANT: Chumakov, ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER FILING DATE: 1999-10-20
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Danie APPLICANT: Blumenfeld,
                                                                                                         TYPE: DNA
ORGANISM: Homo Sapiens
PEATURE:
PEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-20428 for SEQ 1096,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Kirkpatrick, Anita M
REGISTRATION NUMBER: 32,617
REFERENCE/DOCKET NUMBER: NI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
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PRIOR APPLICATION NUMBER:
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                    ENGTH: 19
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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SOFTWARE: FastSE(
                                                      Local Similarity 100.0%;
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 1348 ATTTTTATTTCCC 1361
                                   14; Conservative
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Pred. No. 2.4e+02;
                                                    Score 14; DB 1; L
Pred. No. 2.4e+02;
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                                     Mismatches
                                                                     Length 19
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                                   Indels
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Query Match
Best Local Similarity
Thes 2; Conserve
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US-09-371-772B-1070
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               Sequence 1070, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                  IELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base mail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION UNMER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60,1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM COmpatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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TOPOLOGY: li
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California
                                                                                                                                                                                                                                                                                                                                                               nucleic acid
DEDNESS: single
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McSwiggen, Jim
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                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                       1.0%; Score 13.8; DB 1; Length 17; 11.8%; Pred. No. 2.4e+02;
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; ORGANISM: Homo sapiens
US-09-371-772B-1070
                                                                               ; MOLECULE TYPE: US-08-242-664-33
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Best Local Similarity 11.8%;
Matches 2; Conservative 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Watanab
APPLICANT: Ren, Wu
APPLICANT: Weil, R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 1070
Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                       TELEPHONE: 212-977-9550
TELEPAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/242
FILING DATE: May 12, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION UNMBER: 28,678
REFERENCE/DOCKET NUMBER: 4466
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
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CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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MEDIUM TYPE: 3.5 inch 1.44Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.24
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                                                                                                                                                                                    LENGTH: 17 base pairs
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30 Rockefeller Plaza
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                                                                                                    DNA (genomic)
                                                                                                                                          double
1.0%; Score 13.8; DB 1; Length 17;
88.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.0%; Score 13.8;
11.8%; Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 17;
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Conservative

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RESULT 321
US-08-373-124A-1907
, Sequence 1907, Application US/08373124A
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; Sequence 1797, Appl
                                                                                                                                                                                                                      Query Match 1.0%;
Best Local Similarity 88,2%;
Matches 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
PILING DATE: JANUARY 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
PILING DATE: February 7, 1997
APPLICATION NUMBER: 07/987,132
PILING DATE: DECember 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: AUGUST 26, 1992
APPLICATION HUMBER: 07/986,422
FILING DATE: AUGUST 26, 1992
APPLICATION HUMBER: 07/987,132
PILING DATE: AUGUST 26, 1992
APPLICATION HUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 633 "CL-
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tent No.
                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard
REGISTION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIE: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1523 AAAAAAAAGTAAAAGG
                                                                                                                                                                          1204 TTTTAAAAACAAATCCT 1220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stinchcomb, Dan T.
Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08373124A
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                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                            Score 13.8; DB 1;
Pred. No. 2.4e+02;
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RESULT 322
US-08-373-124A-2147/c
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                                                                                                    Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
                                                                                                                                                                                      Sequence 2147, Application US/08373124A
                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: 15...
COMPUTER: 15...
OPERATING SYSTEM: 15m ...
OPERATING SYSTEM: 15m ...
OPERATING SYSTEM: 15m ...
OPERATION DATA: 108/3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: December 7, 1992
APPLICATION UNMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: MCTHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373.
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: Febru
APPLICATION NUMBER:
FILING DATE: Decem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                           1 GUGAAUUUAAAAAAAA 17
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                                                                                                                          Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 February 7, 1994
NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kenneth
                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 13.8; DB 1; 70.6%; Pred. No. 2.4e+02; tive 3; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2627
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                                                                                                                                                                                                                                                                                                                                                                                                                 Length 17;
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NUMBER OF SEQUENCES: 2

2627

ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California

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Sequence 33, Application US/08484138

Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-484-138-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-373-124A-2147
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base TYPE-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WAITON NUMBER: 32,327
APPLICATION NUMBER: 32,327
APPLICAT
STREET: 1185 Avenue of the Americ:
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Complementary DNA and Toxins NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 8.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM COMPAGE IBM F.C.
OPERATING SYSTEM: IBM F.C.
OPERATING SYSTEM: IBM F.C.
OPERATING SYSTEM: IBM F.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                               1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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US-08-435-628-1797/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1797, Application US/08435628
Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 441
TELECOMMUNICATION INFORMATION:
                                                                                                                                              APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
APPLICATION JUMBER: 7, 1995
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/996,422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: don
TOPOLOGY: linear
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17 base pairs
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88.2%; Pred. No. 2.
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US-08-435-628-1797
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Best Local Similarity 88.2%;
OPERATING SYSTEM: IBM P.C. DOS 5.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UNWEER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION INTHER: 08/373,124
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: May 18,1994
APPLICATION NUMBER: 08/192,943
FILING DATE: May 18,1994
APPLICATION NUMBER: 08/192,943
FILING DATE: May 18,1994
APPLICATION NUMBER: 07/97,132
FILING DATE: PEDEUARY 7, 1994
APPLICATION NUMBER: 07/97,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WARDURG, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM Compatible
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05-MAY-1995
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                                                       209/035
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Pred. No. 2.4e+02;
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US-08-435-628-2147/c
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Matches 12; Conservative
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                                                                                                           FILING DATE: January 13, 195
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 309/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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LENGTH: 17 base pairs
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APPLICATION NUMBER:
FILING DATE: January
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                                                        TELEFAX: 10-1
TELEFAX: 67-3510
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TYPE: nucleic acid
STRANDEDNESS: single
    TYPE: r
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California
l: 17 base pairs nucleic acid
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                                                                                               (213) 955-0440
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RESULT 328
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                                                                                                                 Matches
                                                                                                                                  Best Local
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                                                                                                                                                                                                                                                                                              TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Ned A. Israelsen
REGISTRATION UNMBER: 29,655
REFERENCE/DOCKET NUMBER: GENSET.017APC
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR96/00651
FILING DATE: 29-APR-1996
APPLICATION NUMBER: FR95/05221
FILING DATE: 02-MAY-1995
APPLICATION NUMBER: FR95/09467
FILING DATE: 03-AUG-1995
                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                               TOPOLOGY: 1.
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                           STRANDEDNESS: 81
                                                                                                                                                                                                                                                                                                                                  TELEFAX: 619-235-0176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 435
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Local Similarity 88.2%;
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                                                                             1288 GTTTGTGTGGTTAATCT 1304
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15; Conserv
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                                                                                                                 Conservative
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                                                                                                                                88.2%;
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METHOD FOR THE SPECIFIC COUPLING OF THE CAP
OF THE 5'END OF AN MRNA FRAGMENT AND PREPARTION OF
COMPLETE CDNA
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                                                                                                                                Score 13.8; DB 1; Pred. No. 2.4e+02;
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Pred. No. 2.
                                                                                                               Mismatches
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GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Maier, Martin A
APPLICANT: Maier, Martin A
TITLE OF INVENTION: Compounds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 132, Application US/08851843A Patent No. 6093809
                                                                              Sequence 5, Application US/09250075 Patent No. 6207819
                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                      Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: : SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UMBER: US/08/851,843A FILING DATE: 06-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6093809el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cech, Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                              1520 AAAAAAAAAAAAGTAAA 1536
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                                                                                                                                                                                                                                                                                                                                                                                                 H: 17 base pairs nucleic acid NDEDNESS: single
                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            San Francisco
: California
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Harley, Calvin
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Nakamura, Toru
                                                                                                                                                                                                                                                                                   Conservative
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  Compounds Processes And Intermediates For Synthesis Of
                                                                                                                                                                                                                                                                                                      1.0%; Score 13.8;
88.2%; Pred. No. 2.
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                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                        .4e+02;
                                                                                                                                                                                                                                                                                                                           DB 1;
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US-08-854-050-132/c
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CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/846,017
FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: misc_feature
LOCATION: (1).-(17)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage
OTHER INFORMATION: Description of Artificial Sequence: No.
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 225

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

ADDRESSEE: Townsend Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: IWO CITY: San Francisco
STATE: California
""" ted Stat
CLASSIFICATION: 536
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6261836el Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 18-APR-1997
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al Similarity 88.2%;
15; Conservation
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Chapman, Karen B.
Morin, Gregg B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           United States of America
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                                                                                                US 08/844,419
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Pred. No. 2.4e+02;
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RESULT 331
US-09-430-323-132/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 132, Application US/09430323 Patent No. 6309867 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.0%;
Best Local Similarity 88.2%;
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INFORMATION FOR SEQ ID NO: 1
TELEFAX: (415) 5
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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REFERENCE/DOCKET NUMBER: 011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                       PILIATION NUMBER: US/09/430,323
FILING DATE: 29-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION INDER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 26-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-ARR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: APPLE
BATE: 01-OCT-196
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTMARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1520 АЛАЛАЛАЛАЛАД 1536
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STATE: California
COUNTRY: United States of America
                     TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.8; DB 1
Pred. No. 2.4e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 17;
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SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-430-323-132
                                                                                                       US-08-584-040-2189
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                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Competible
COMPUTER: IBM Competible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/08/584,040
PILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: WAIDLING RICHARD J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6346398
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2189, Application US/08584040 Patent No. 6346398
                       Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: APPLICANT: I
                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                             TOPOLOGY:
                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                       TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Stinchcomb, Dan T.
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                                                                                                                             linear
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                         Score 13.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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                                                             Length 17;
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Sequence 2191, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: PAVCO, Pamela
APPLICANT: McSwiggen, James
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RESULT 334
US-08-584-040-2191/c
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US-08-584-040-2190/c
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Matches
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Patent No. 6346
                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMVUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: SUITE 4700
CITY: Los Angeles
                                                                                                                                                         Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.O.
                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 90071-2066
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                                                                                                                 1513 СТТААТТАААААААА 1529
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                                                                                                                                                     1.0%; Score 13.8; lilarity 88.2%; Pred. No. 2.44 Conservative 0; Mismatches
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                                                                                                                                                                                                                                                       linear
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                                                                                                                                                                             .4e+02
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                                                                                                                                                                                           Length 17;
                                                                                                                                                           Indels
                                                                                                                                                         0,
                                                                                                                                                           Gaps
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US-08-584-040-2191
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APPLICANT: Pavco, Pamela
APPLICANT: Roswiggen, James
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Scinchcomb, Dan T.

APPLICANT: Scinchcomb, Dan T.

APPLICANT: Scinchcomb, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
PILING DATE: January 11, 1996
CLASSIFICATION E 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -08-584-040-2550/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     quence 2550,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tent No.
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                            NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0%;
Local Similarity 88.2%;
mes 15; Conservarium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                            ADDRESSEE:
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Eyon & Lyon
633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/08584040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GROWTH FACTOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 17;
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RESULT 336
US-08-584-040-7824
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Pavco,
APPLICANT: McSwigs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPRONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/005,97
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Di
MEDIUM TYPE: storage
                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: UFILING DATE: January CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: IBM P.C. SOFTWARE; Word Perfect 5.1 JRRENT APPLICATION DATA; APPLICATION NUMBER: US/08/9
                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE:
                                                                                             MEDIUM TYPE:
                                                                                                                                                                        COUNTRY: U.S.A.
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                                                                                                                                                         90071-2066
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Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Los Angeles
                                                                                                                                                                                                                                                                                                                                                                             T: ESCODEDO, JAIME INVENTION: METHOD AND REAGENT FOR THE INVENTION: TREATMENT OF DISEASES OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               California
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Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Word Perfect 5.1
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                                                                                               storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       January 11, 1996
                                                                                                                                                                                                                                                                                                                    TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Diskette, 1.44 Mb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/005,974
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     US/08/584,040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 13.8; DB 1
Pred. No. 2.4e+02
                                                            DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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Gaps

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US-08-584-040-7824
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                 COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/005,974
FILING DATE: OCCODER 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECHONE: (213) 489-1600
TELEPAX: (213) 955-0440
               APPLICATION NUMBER: US/08/679,64:
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         08-679-645-62
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SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tent No. 635093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Merio, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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TOPOLOGY: 111
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EDNESS: single
Warburg, Richard J.
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Merlo, Patricia Ann Owens
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Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Edington, Brent E.
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US-09-619-103-23
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APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Lohse, Peter
APPLICANT: Hagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
CURRENT FILING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 23
LENGTH: 17
TYPE: DNA
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
APPLICANT: Maier, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Backt
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 5
LENGTH: 17
                                                                                                                                                                                                     Sequence 5, Application US/09726096A Patent No. 6462184 GENERAL INFORMATION:
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Matches
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
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TYPE: nucleic acid
STRANDEDNESS: single
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88.2%; Pred. No. 2
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ravco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
ITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-28
SOFTWARE: Patentin version 3.0
SEQ ID NO 734
                                                                                                                                                                                                                                                                                                                 RESULT 341
US-09-371-772B-735/c
; Sequence 735, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
JOHER INFORMATION: Internucleoside linkage
US-09-726-096A-5
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-734
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
CITTLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/498)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-735
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 736
LENGTH: 17
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SOFTWARE: Patentin version 3.0
SEQ ID NO 735
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
IITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
IITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
IITLE REFERENCE: MBHB00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-U (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
FRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
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McSwiggen, Jim
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.
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; TYPE: RNA; ORGANISM: Mus sp. US-09-371-772B-3608
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; TYPE: RNA
; ORGANISM: Homo Bapiens
US-09-371-772B-1074
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US-09-371-772B-3608
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6566127
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 3608
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 1074
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Best Local :
                APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TILE REFERENCE: MHHB00.876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 608/584,040
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Local Similarity 11.8%; Pred. No. 2.4e+02:
nes 2; Conservative 13
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ID NOS:
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Pred. No. 2.4e+02;
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; TYPE: RNA; Homo sapiens US-09-371-772B-4306
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; ORGANISM: Homo sapiens
US-09-371-772B-5599
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; Sequence 5599, Application US/09371772B
; Patent No. 6566127
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APPLICANT:
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Best Local Similarity 88.2%;
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 2463.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                                         APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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McSwiggen, Jim
Stinchcomb, Dan
Escobedo, Jaime
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Pred. No. 2.4e+02;
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; ORGANISM: Homo sapiens
US-09-866-108A-2272
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SEQ ID NO 2272
LENGTH: 17
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Best Local Similarity
Matches 15; Conserv
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Sequence 9997, Application US/09866108A
Patent No. 6686188
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PRIOR
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APPLICANT: SHANNON, MARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 201-05-25
                                                             PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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                                      Prior Application data removed -
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HANZEL, David K.
RANK, David R.
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Listing Engine
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Pred. No. 2.4e+02;
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                                           See File Wrapper or PALM.
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US-09-197-378-13/c
; Sequence 13, Application US/09197378
; Patent No. 5959097
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsert
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9997
                                                                                      RESULT 350
                                                                                                                                                                                                                                               PCT-US95-06379-33
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SEQ ID NO 9997
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Best Local Similarity
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TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/063
FILING DATE: May 13, 1994
                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                            TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 440
                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                  STRANDEDNESS: double
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                                                                                                                               1 AATAAAAAAGGAAAAGG 17
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Y: U.S.A.
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Ren, Wu-Yun
Weil, Roger
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                                                                                                                                                                                                                                                                            linear
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Pred. No. 2
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Pred. No. 2.
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                                                                                                                                             US-08-857-946-14
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SEQ ID NO 13
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                       Matches
                                                                                                         Query Match
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Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WOODDERECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
EILING DATE: 16-MAY-1997
CLASSIFICATION: 435
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CURRENT APPLICATION NUMBER: US/09/197,378
CURRENT FILING DATE: 1998-11-20
                                                                                                                                                                                                                                                                        TELEFAX: 617-345-9111 INFORMATION FOR SEQ ID NO:
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APPLICANT: Goodfe
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                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 75 State Street
                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST
                                                                     Local Similarity 88.2
                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
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GCGGCGGCGGCGGC 17
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Pred. No. 2.5e+02.
0; Mismatches
                                                                     <u>,</u>
                                                                                      Score 13.8; DB 1; Pred. No. 2.5e+02;
                                                                       Mismatches
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RESULT 353
US-09-143-212-45
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GENERAL INFORMATION:
APPLICANT
                                                                   CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 45
                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
                                                                                                                                                                                                                Sequence 45, Application US/09143212B Patent No. 6077672
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857
FILING DATE: 16-MAX-1997
PRIOR APPLICATION DATA:
APPLICATION UMBER: 60/017
FILING DATE: 17-NAY-1996
              LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 355
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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28 State Street, 28t
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88.2%; Pred. No. 2
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28th Floor
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; TOPOLOGY: linear; MOLECULE TYPE: DNA US-08-559-397A-24
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Best Local Similarity
Matches 15; Conserve
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                                                                                                              RESULT 355
                                              Sequence 105, Application US/09280409 Patent No. 6107092 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                  TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 6083713
                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                          Query Match
APPLICANT: Lex M. Cowsert APPLICANT: C. Frank Bennett APPLICANT: Bert W. O'Malley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEO Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/559,397A
FILING DATE: 15.NOV-1995
CLASSIFICATION: 435
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ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAUYA A
REGISTRATION UNMBER: 30,742
REFERENCE/DOCKET NUMBER: 6013-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Manly, Susan P.
APPLICANT: Kozlowski, Michael R.
APPLICANT: Neve, Rachael L.
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TELEPHONE: 212-790-9090
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                                                                                                                                                                                                                        / Match 1.0%;
Local Similarity 88.2%;
les 15; Conservative
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STREET: 1155 Avenue of the Americas
                                                                                                                                                                                            1521 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.5e+02;
0; Mismatches 2;
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Pred. No. 2
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APPLICANT: Roth, Matthew E.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tay
Patent No. 6383754
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-09-280-409-105
                                                                                                                                                                                                                                                                                    US-08-275-951-33/c
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                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Egholm, I
APPLICANT: Kiely, J
APPLICANT: Griffin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
SEQ ID NO 7
LENGTH: 18
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CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 105
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Best Local (
APPLICANT: Coull, James M.
APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Bucholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILS REFERENCE: -ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
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ORGANISM: Artificial Sequence
FEATURE:
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Roth, Matthew E.
Lizardi, Paul M.
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Pred. No. 2.5e+02
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Pred. No. 2.5e+02
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APPLICATION NUMBER: 08 FILING DATE: 1993-07-0

08/088,661

08/088,658 08/108,591

FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER:

1993-11-1993-07-02

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LENGTH: 18
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OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Lysanoic Acid, Lysine Linkage
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/566,421
                                 ATTORNEY/AGENT INFORMATION:
NAME: POLSBART, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8105-007
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: High Efficiency Tissue Specific Compound TITLE OF INVENTION: Delivery System Using Streptavidin-Protein A Fusion TITLE OF INVENTION: Protein NUMBER OF SEQUENCES: 4
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                                                                                                                                                                                                                                                                                                 STREET: 1155 Aven
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
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CLASSIFICATION: 514
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STREET: 1155 Avenue of the Americas
 TELEFAX:
               ELEPHONE:
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FILING DATE: 1991-04-15
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: (212) 790-9090
(212) 869-8864
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Levin, Brandi
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Pred. No. 2
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US-09-142-108C-28/c
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                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6773886
FILE REFERENCE: AGL 100
                                                                                                                                                                                                                                                        Sequence 28, Application US/09142108C Patent No. 6774285
SEQ ID NO 28
LENGTH: 18
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                                            FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
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                                   SOFTWARE:
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-142-108C-29
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US-08-755-587-106
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US-09-142-108C-29/c
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US-09-142-108C-28
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Best Local Similarity
Matches 15; Conserv
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Best Local S
Matches 15
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SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 29, Application US/09142108C Patent No. 6774285
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 106, Application US/08755587
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                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Brugliera, Filippa
APPLICANT: Holcon, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                APPLICANT: WOOSECT, Richard F
APPLICANT: Ashworth, Alan
APPLICANT: Stratron
                                                                                                                                             NUMBER OF SEQUENCES: 222
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell Seltzer Park & Gibson
STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
                                                                                                                                                                                                                              TITLE OF INVENTION: Materials and methods relating to the TITLE OF INVENTION: identification and sequencing of the BRCA2 cancer TITLE OF INVENTION: susceptibility gene and uses thereof.
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       y Match 1.0%;
Local Similarity 88.2%;
hes 15; Conservative
                                                                                                                 CITY: Raleigh
STATE: NC
                                                                                                COUNTRY:
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Stratton, Michael R
                                                                                                USA
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Patentin Release #1.0,
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Pred. No. 2.5e+02;
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Pred. No. 2.
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  Version #1.25 (EPO)
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RESULT 364
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NAME: Kenneth D Sibley
REGISTRATION NUMBER: 31,66
REFERENCE/DOCKET NUMBER: 5
INFORMATION FOR SEQ ID NO: 106
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-755-587-106
                                                                                                                                                                                                                                                                  APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: AN UCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: GENSET.031A
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 60/91,315
PRIOR APPLICATION NUMBER: US 60/91,315
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 105
LENGTH: 19
TYPE: DNA
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Matches
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GENERAL INFORMATION:
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                                                                                                                           Best
                                                                                                                                            Query Match
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                                                                                                                                                               FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-129-144.misl
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APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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                                                                                                              Local Similarity
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mes 15; Conserv
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                                                                            1511 CTGTTAATTAAAAAAA 1527
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                                               CTTATAATTAAAAAAAA 19
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                                                                                                               Conservative
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28-AUG-1996
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14-DEC-1995
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88.2%; Pred. No. 2.
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Pred. No. 2.7e
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US-09-422-978-5713/c ; Sequence 5713, Application US/09422978 ; Patent No. 6537751

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GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1999-11-23

EARLIER FILING DATE: 1999-11-23

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5713
                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 643
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                          RESULT 366
US-09-696-791-4048
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Patent No. 6770633

GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
GENERAL INFORMATION:
APPLICANT: Robbins,
APPLICANT: Tritz, R.
TITLE OF INVENTION:
                                                                                Sequence 4048, Application US/09696791 Patent No. 6770633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local
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NAME/KEY: primer bind
LOCATION: 1..19 -
OTHER INFORMATION: upstream amplification primer 99-6332 for SEQ 1779,
09-422-978-5713
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                                                                                                                                                                                                                                                                                                                     Similarity
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                       Richard
                                         Joan M.
RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
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Pred. No. 2.7e+02;
0; Mismatches
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Best Local S
Matches 15
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                                                                                                        Patent No. 6207417
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
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SEQ ID NO 4048
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APPLICANT: Lin, Xiaohui
TITLE OF INVENTION: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE DISC
FILE REFERENCE: JHU1660-1
CURRENT APPLICATION NUMBER: US/09/687,246B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/159,168
PRIOR FILING DATE: 1999-10-13
NUMBER OF SEQ ID NOS: 15
NUMBER OF SEQ ID NOS: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: The Johns Hopkins School of Medicine APPLICANT: Nelson, William APPLICANT: Tchou, Julia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: primer N-F1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                          TITLE OF INVENTION: Stem Cell Factor
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                                  ADDRESSEE:
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5. 6709818
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Chicago
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                 E: Marshall, O'Too
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88.2%; Pred. No. 2.70
ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                           1.0%; Score 13.8;
88.2%; Pred. No. 2.
                 O'Toole, Gerstein, Murray & Borun ower, 233 South Wacker Drive
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                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
2.8e+02;
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US-08-482-918-33
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1 FNGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -09-224-681-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4-
PILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/0
FILING DATE: 12-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bosselman, Robert A. APPLICANT: Suggs, Sidney V.
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REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 010
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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                                                                                                                                                                                                                                                                                                                                     STREET: 6300 :
CITY: Chicago
STATE: Illino:
                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                            COUNTRY: United
ZIP: 60606-6402
                                                                                                                              FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                  APPLICATION NUMBER: US/09/224,681
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.6300 Sears Tower, 233 South Wacker Drive
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                                                                                         09/005,893
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RESULT 370
US-08-336-728A-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 33,
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SOFTWARE: PatentIn Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/537
FILING DATE: 11-UN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422
APPLICATION 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                           STREET: 65.
STREET: Chicago
CITY: Chicago
Illinois
Innited
                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
Amnessee: 4300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zsebo, Krisztina M
APPLICANT: Bosselman, Robert
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of COMPUTER: IBM PC computer:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/5
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/91
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                            COUNTRY: United States of America ZIP: 60606-6402
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                                                                                                                                                                                                                                                                                                                                                                                Stem Cell Factor
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07/982,255
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Pred. No. 3.1e+02;
0; Mismatches 4
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                                                                                                                                    Version
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Patent No. 6759215
GENERAL INFORMATION:
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TELEPAX: 312/474-0448
TELEX: 25-3956
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILLING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32956
TELECOMMUNICATION INFORMATION:
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FILING DATE: 24-AUG-1990
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
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TOPOLOGY: lir
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                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATION DATA:

APPLICATION NUMBER: US/09/635,251

FILING DATE: 07-Aug-2000

CLASSIFICATION: <UNLOWN-

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Stem Cell Factor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16;
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1998
APPLICATION NUMBER: 07/684,535
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STATE: Illinois
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STREET: 6300 Sears Tower, 233 South Wacker Drive
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Suggs, Sidney V.
Martin, Francis H.
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                                                                                  Query Match
Best Local S
                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 24
                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09721154
Patent No. 6651008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: CytoP007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPHONE: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1302 TCTATTTTTTTTATTTTCAG 1321
                           1246 TCTTTGTTTTTTTTTAAT 1265
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 4 TTTTTTTTTTTTTTTAT 23
                                                                                      Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/537,198 FILING DATE: 11-JUN-1990
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                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.0%;
                                                                                      1.0%;
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                                                                                      Score 13.6;
Pred. No. 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.6; DB 1;
Pred. No. 3.1e+02;
                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                      ; DB 1;
3.7e+02;
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                                                                                                      Length 24;
                                                                     Indels
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                                                                     Gaps
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RESULT 373 US-08-292-620A-364

; Sequence 364, Application US/08292620A

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US-08-292-620A-365
; Sequence 365, Application US/08292620A
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                                                                                                                                                RESULT 374
                   GENERAL INFORMATION:
APPLICANT: Susan G:
APPLICANT: Dan T.:
APPLICANT: James M
                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                               Query Match
                                                                                           atent No.
                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 15 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
FRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                   Local Similarity 13.3%;
hes 2; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071-2066
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                                                                                             583754
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (213)
             James McSwiggen
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James McSwiggen
                                  Susan Grimm
Dan T. Stind
Sean Sullivan
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                                      Stinchcomb
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                                                                                                                                                                                                                                                                           12;
                                                                                                                                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.6e+02;
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US-08-292-620A-366
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                                                                                                                                                                                                                                    Sequence 366, Application US/08292620A
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                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                      GENERAL INFORMATION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                TITLE OF
TITLE OF
TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
                                                                                                                  APPLICANT:
                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/29: FILING DATE: August 17, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/008,895 FILING DATE: January 19, 1993 APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                            1307 TTTTTTTTTTTCAG 1321
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                                                                                                                                                                                                                        5837542
                                          I: Sean Sullivan

I: Kenneth G. Draper
INVENTION: RIBOZYME TREATMENT OF
INVENTION: DISEASES OR CONDITIONS
INVENTION: RELATED TO LEVELS OF
INVENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15 base pairs
                                                                                                                                                  Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                                    Susan Grimm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SS: single
linear
ADDRESS:
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              MOLECULE-1 (I-CAM-1)
2390
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DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
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US-08-292-620A-366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                        -08-292-620A-367
                                                                                                                                                  APPLICANT: Kenneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION UNMER: 08/008.895 FILING DATE: January 19, 1993 APPLICATION UNMBER: 07/689,849 FILING DATE: December 7, 1992 FILING DATE: December 7, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                          STREET: 633 West Fit
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (1-1)
TELEFAX: 67-3510
TEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 26.7 nes 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: August
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
                 COUNTRY:
                                                                                                  ADDRESSEE:
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90071-2066
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                                                                                3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                 Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            633 West Fifth Street
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                                                                                                                                                                                                                                                                    James McSwiggen
                                                                                                                                                                                                                                                                                                       Susan Grimm
                                                                                                                                                                                                                                                        Sean Sullivan
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                                                                                                                                                                                                                                                                                       Stinchcomb
                                                                                                                                                   INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)
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                                                                                                                                   2390
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                   COUNTRY:
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Query Match
Best Local Similarity
""" hes 5; Conserve
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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PRIOR APPLICATION DATA: PRIOR APPLICATION DATA: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
                                                               ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                               APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
              COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                           STREET: 633 West Fifth Street STREET: Suite 4700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
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5837542
                                                                                                                                                       Los Angeles
California
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                                                                                                                                        U.S.A.
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Dan T. Stinchcomb
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Pred. No. 2.6e
9; Mismatches
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                                  DOS 5.0
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                                                                                     1.44 Mb
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RESULT 378
US-08-292-620A-369
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 40.0%;
Matches 6; Conservative
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                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                          APPLICATION NUMBER: US/08/29
FILING DATE: August 17, 1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single TOPOLOGY: linear
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ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                James McSwiggen
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: including application
: described below:
08/008,895
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17, 1994
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Pred. No. 2.6e+02;
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APPLICANT: Parimon, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
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US-08-832-021-23
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                                                                                                                         GENERAL INFORMATION:
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Sequence 23, App...
No. 6045998
                                                                                                                                                           Sequence 24,
                                                                                                                                                                                                                                                                                                                   Matches
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Best Local S
                                                                                                                                           Patent No.
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Parimo, S.
APPLICANT: Brouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Combates, N. APPLICANT: Pardinas, J. APPLICANT: Parimoo, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
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Local Similarity 46.7%;
les 7; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                               1307 TITTTTTATTTCAG 1321
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6045998
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                                                                                                                                                                                                                                                                                                                 1.0%; Score 13.4; DB 1;
93.3%; Pred. No. 2.6e+02;
tive 0; Mismatches 1
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Pred. No. 2.
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinoo, S.
APPLICANT: Porty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32
LENGTH: 15
                                                                                                                                                                                                                                                    US-08-832-021-32/c
; Sequence 32, Application US/08832021
; Patent No. 6045998
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT FLILING DATE: 1997-04-02
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 28
LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Combates, N.
                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                   GENERAL INFORMATION:
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Pardinas, J
APPLICANT: Parimoo, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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TYPE: DNA
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Pred. No. 2
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 44
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                               ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-56
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                                                                                                                              APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                            Sequence 56, Application US/08832021 Patent No. 6045998
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               Query Match
Best Local Similarity
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APPLICANT: Parimos, S.
APPLICANT: Parimos, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: UBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
                                                                                                                                                                                                                                                                                                             APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
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                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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6045998
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Pred. No. 2.6e+02;
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Pred. No. 2
Score
Pred.
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13.4; DB 1;
No. 2.6e+02;
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Matches

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RESULT 385 US-09-071-845-364

INFORMATION:

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Query Match 1.0%; Score 13.4; Best Local Similarity 13.3%; Pred. No. 2. Matches 2; Conservative 12; Mismatche
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Patent No. 6132967
                                                                                                                                                                                                                                                                                                  TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RIBOZYME TREATMENT OF TITLE OF INVENTION: DISEASES OR CONDITIONS TITLE OF INVENTION: RELATED TO LEVELS OF TITLE OF INVENTION: INTRACELLULAR ADHESION TITLE OF INVENTION: MOLECULE-1 (T-^^-)
                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 8.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
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                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
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2.6e+02;
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                                                                                              RESULT 387
US-09-071-845-366
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Sequence 366, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: SUSAN Grimm
APPLICANT: Dan T. Stinchcomb
                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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                                                                                                                                                                                                                                                Matches
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Best Local :
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APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 193
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
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CITY: Los Angeles
STATE: California
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STREET: 6
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633 West Fifth Street
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Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
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ZIP: 90071-2066

ADDRESSEE:

US-09-071-845-364

TOPOLOGY:

linear

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FILING DAIL:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: US/08/292,620
PILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WARDLICATION NUMBER: 32,327
REFISCHEDICATION NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELECOMMUNICATION 1NFORMATION:
                                                                                                                                                                                      US-09-071-845-367; Sequence 367, Application US/09071845; Patent No. 6132967
                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
TOPOLOGY:
US-09-071-845-366
                                                                                                                                                                                                                                           RESULT 388
                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
APPLICANT: Sean Sull APPLICANT: Kenneth GITTLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORD P.C. DOS 5.0
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
PILING DATE:
CLASSITY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                            APPLICANT: Susan Grimm
APPLICANT: Dan T. Stind
APPLICANT: James McSwig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fil
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 26.7
nes 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
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                                                                                                                                                                                                                                                                                                                                 1308 TTTTTTATTTCAGA 1322
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633 West Fifth Street
               Sean Sullivan

Kenneth G. Draper

Kenneth G. RIBOZYME TREATMENT OF

VENTION: DISEASES OR CONDITIONS

VENTION: RELATED TO LEVELS OF
                                                                                                            Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KENNECH G. Draper
ENTION: RIBOZYME TREATMENT OF
ENTION: DISEASES OR CONDITIONS
ENTION: RELATED TO LEVELS OF
ENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                        1.0%; Score 13.4; DB 1; 26.7%; Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE-1 (I-CAM-1)
   INTRACELLULAR ADHESION
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                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                                                                       0
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                                                                                                                                                                                                                                                                                                                    Sequence 368,
Patent No. 61
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Matches
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APPLICANT:
                                                                                                                                                                                                                                                              APPLICANT:
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RESULT 389
US-09-071-845-368
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                        APPLICANT: Kenneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKST NUMBER: 200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: single
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STREET: 633 West Fifth Street
STREET: Suite 4700
ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: California
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Similarity 33.3%;
5; Conservation
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                                                                                        WENTION: RIBOZYME TREATMENT OF NVENTION: RISASSES OR CONDITIONS NVENTION: RELATED TO LEVELS OF NVENTION: INTRACELLULAR ADHESION WENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                   Application US/09071845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (213) 955-0440
                                                                                                                                                                                                     Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
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Dan T. Stind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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2390
                                                                          2390
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 13.4; DB 1;
Pred. No. 2.6e+02;
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California

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US-09-071-845-369
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 369, Application US/09071845 Patent No. 6132967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.0%; Score 13.4; DB 1; Length 15, Best Local Similarity 40.0%; Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION UNMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/999,849
FILING DATE: December 7, 1992
ATTORNEY/ACENT INFORMATION:
NAME: WARDURG, RICHARD J.
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 109-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
           COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
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MEDIUM TYPE: Storage
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
                                                                                                                                  STREET: 633 West Fif
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM CON OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1310 TTTTATTTTCAGAGA 1324
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Susan Grimm
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IBM Compatible
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GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Ger
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 304
LENGTH: 15
TYPE: DNA
ORGANISM: human
RESULT 392
US-09-491-894A-2/c
US-09-491-894A-2/c
; Sequence 2, Application US/09491894A
; Patent No. 6541225
; GENERAL INFORMATION:
; APPLICANT: Li, Ronghao
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US-09-475-947A-304/c
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                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
APPLICATION NUMBER: 08/008,895
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGERENCE/DOCKET NUMBER: 32,327
RETERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
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                                                                                                                                                                                                                           1.0%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 2.6e+02; tive 0; Mismatches 1; Indels
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; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR GENERATING
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES
; FILE REFERENCE: 415072000400
; CURRENT APPLICATION NUMBER: US/09/491,894A
; CURRENT FILING DATE: 2000-01-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: INFORMATION: Synthetic construct
US-09-491-894A-2
                                                                                                                                                                                                                                                                                  RESULT 394
US-08-390-850-452
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US-09-829-855-92/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: unknown
; PEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Matthew, Ashby N.
APPLICANT: Matthew, Ashby N.
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
FILE REFERENCE: ASHBY-1
CURRENT FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 244
SOFTWARE: Patentin version 3.1
SEQ ID NO 92
LENGTH: 16
                                                                                                                                                                                                                                              Sequence 452, App
Patent No. 56122
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                   APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
                                                                                                                                                                            APPLICANT: Draper, Kennet APPLICANT: Pavco, Pamela
                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1673
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3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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Pred. No. 2.8e+02;
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Pred. No. 2.6e+02;
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US-08-373-124A-1152
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 19
APPLICATION NUMBER: 07/989,848
APPLICATION NUMBER: 07/989,848
                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                  APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: December 7, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/390,850
                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                  CITY: Los Angeles
STATE: California
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Local Similarity 53.3%;
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REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                ZIP: 90071
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California
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                                                                                                                                                                                                                                                                                                                                                                                 Draper, Kenneth
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                                                                                                                                U.S.A.
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Word Perfect 5
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Pred. No. 3
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US-08-373-124A-1152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/ACENT INFORMATION:
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILLING DATE: 05-MAX-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pavco, Pamela APPLICANT: McSwiggen, James APPLICANT: Gustofson, John
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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TOPOLOGY: 111
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: May 1
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ilarity 20.0%;
Conservative 1
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                                                                                                                                                                                                     IBM P.C. DOS 5.0
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US-08-435-634-452
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Datent No. 581779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 1.0%;
Best Local Similarity 53.3%;
Matches 8; Conservative
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/967,132
FILING DATE: August 26, 1992
APPLICATION AUGUST 1870-864,422
FILING DATE: August 26, 1992
APPLICATION TOMBER: 07/967,132
FILING DATE: August 26, 1992
APPLICATION TOMBER: 07/967,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (213) 955-04
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL
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LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                               SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 05-MAY-199
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHODS AND COMPOSITIONS TITLE OF INVENTION: TREATMENT OF RESTENOSIS ITTLE OF INVENTION: CANCER USING RIBOZYMES
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         726 TGCTGTTGCTGCTGC 740 :||:|::| :||:||
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
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: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
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Jarvis, Thale
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                                                                                                                                                                                                                                                                                                                           Word Perfect 5.1
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                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
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                                                                                                                                                                                                                                                                                                                                               IBM P.C.
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Pred. No. 3e+02;
                                                                                                                                                                                                                                                                                                                                               DOS 5.0
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US-08-985-162-821
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/985,16
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        08-985-162-821/c
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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INFORMATION FOR SEQ ID NO:
                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: McSwiggen
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth S
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                    TELEFAX: 1-
TELEFAX: 67-3510
                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 32,
                                                                                                                                                  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                             ENGTH:
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6057156
                                                             17 base pairs
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VENTION: ENZYMATIC NUCLEIC ACID TREATMENT
VENTION: OF DISEASES OR CONDITIONS RELATED
VENTION: TO LEVELS OF EPIDERMAL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (213) 955-0440
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                                                                                                                  US-08-584-040-2544
                                                        Matches
                                                                      Query Match
Best Local (
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Matches 1
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                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                 AFFILIAGION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: YACATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 FILING DATE: January CLASSIFICATION: 514
PRIOR APPLICATION DATA: APPLICATION NUMBER: 6
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
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                                                                                                                                            STRANDEDNESS: single
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OPERATING SYSTEM:
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STATE: California
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                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                1522 AAAAAAAAAAGTAAA 1536
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17 AAAAAAAAAAGTAGA
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                                                      Similarity 93.:
14; Conservative
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                                                                                                                                                                                                                    67-3510
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                                                                                                                                                                                                                                   (213) 955-0440
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Stinchcomb, Dan T.
Escobedo, Jaime
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                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM Compatible
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                                                                    1.0%;
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8502
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                                                                      Score 13.4; DB Pred. No. 3e+02;
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                                                         Mismatches
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                                                                                   Length 17;
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                                                         Indels
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RESULT 400 US-08-584-040-7825 ; Sequence 7825, Application US/08584040

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RESULT 401
US-09-115-475-10/c
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                                Sequence 10, Application US/09115475
Patent No. 6372457
GENERAL INFORMATION:
APPLICANT: Burlingame, Richard P.
APPLICANT: Burlingame, Richard P.
APPLICANT: Millis, James R.
APPLICANT: MILLIS, James R.
TITLE OF INVENTION: PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE
FILE REPERENCE: 3161-18-C1
CURRENT APPLICATION NUMBER: US/09/115,475
CURRENT FILLING DATE: 1998-07-15
CURRENT FILLING DATE: 1998-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/584,0
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY AGENT INFORMATION:
ARLIER APPLICATION NUMBER: PCT/US98/00800 ARLIER FILING DATE: 1998-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                    1.0%;
Local Similarity 13.3%;
nes 2; Conservative 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear
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OPERATING SYSTEM:
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STATE: California
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Stinchcomb, Dan T.
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Pred. No. 3e+0
12; Mismatches
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3e+02;
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US-09-371-772B-1068/c

Sequence 1068, Application US/09371772B

Patent NO. 6566127

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: RNA; Homo sapiens; ORGANISM: Homo sapiens US-09-474-432B-567
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                                                                                                                                                                                                           RESULT 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/1875
PRIOR APPLICATION NUMBER: US 09/1875
PRIOR APPLICATION NUMBER: US 09/301,511
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SEQ ID NO 567
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleoti
FILE REFERENCE: MBHB00-831-B (247/276)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
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                                                                                                                                                                                                                                                                        TGGGGGCCGGGCGCG 1
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Karpeisky, Alex
Adamic, Jasenka
Sweedler, David
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Pred. No. 3e+02;
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CURRENT APPLICATION NUMBER: US/09/371,7728
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 00/05,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 1668
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-7728-3609
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US-09-371-772B-3609
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                                                                                                                                         Sequence 566, Application US/09476387 Patent No. 6617438 GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 3609
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Best Local Similarity
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                  APPLICANT:
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-U (237/198)
CURRENT APPLICATION NUMBER: US/09/371, 772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
                                                           APPLICANT:
                                                                                                 APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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    APPLICANT:
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ORGANISM: Homo sapiens
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                     Karpeisky, Alex
Adamic, Jasenka Matulic
Sweedler, Dave
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Beaudry, Amber
Zinnen, Shawn
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Pred. No. 3e+02;
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US-09-401-063-821/c
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PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
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Congery
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                                                                        CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/985,162
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Fell, Patricia APPLICANT: McSwiggen, James TITLE OF INVENTION: ENZYMATIC TITLE OF INVENTION: OF DISEAS TITLE OF INVENTION: TO LEVELS TITLE OF INVENTION: FACTOR RE
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                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
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California
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633 West Fifth Street
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                                                                                                                                                                                        Patent No. 6686,
SEQ ID NO 1458
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                    Matches
                                                                                                       Query Match
                                                                                                                                     ·09-866-108A-1458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT APPLICATION NUMBER: US/09/866,108A
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                                                                                                                                                                                                                                             SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                             Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PPLICANT: JI, Yonggang
PPLICANT: PENN, Sharron G.
PPLICANT: HANZEL, David K.
                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
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STRANDEDNESS: single
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PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
PILING DATE: 2001-01-30
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Pred. No. 3e
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                                                                    Mismatches
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US-09-866-108A-1461/c
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PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR PELICATION NUMBER: PCT/US01/00667

PRIOR PELICATION NUMBER: PCT/US01/00667
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
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CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                          APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                             FILE REFERENCE: AEOMICA-7
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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Similarity 93.3%;
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RANK, David R.
CHEN, Wensheng
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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; SEQ ID NO 2269
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Best Local S
Matches 14
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Sequence 6518, Applic
Patent No. 6686188
CENIERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00669
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                   APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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PCT/US01/00663
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APPLICANT: SHANON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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; SEQ ID NO 6518
; LENGTH: 17
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; Patent No. 6686188
; SEQ ID NO 6519
; LENGTH: 17
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APPLICANT: GU, Yizh
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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ORGANISM: Homo sapiens
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16 GGCTGCGGTGGTGGT
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                                                                       Similarity 93.3
14; Conservative
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PENN, Sharron
HANZEL, David
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                                                                                          Score 13.4;
Pred. No. 3e
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Pred. No. 3e+02;
                                                                         Mismatches
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                                                                                                            Length 17;
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APPLICATION NUMBER: US 60/207,456

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Sequence 9998, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: JI, Yonggang
APPLICANT: BENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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US-09-866-108A-9998/c
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Best Local Similarity 93.3%;
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SEQ ID NO 6520
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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Patent No. 6686188
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SOFTWARE: Acomica Sequence Listing Engine
                                                                   APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                09-866-108A-6520/c
                                               FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
CATION NUMBER: US/09/866,108A
NG DATE: 2001-05-25
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                                               AEOMICA-7
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Pred. No. 3e+02;
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                  PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PELING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Best Local S
Matches 14
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SEQ ID NO 9998
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                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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PILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9999
                                  US-08-213-860A-3
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SEQ ID NO 9999
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION AND BER: US/08/213,860A
FILING DATE: 03/21/94
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Adler, Dr. Benjamin A.
REGISTRATION NUMBER: 35,423
REGISTRATION NUMBER: 35,423
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Best Local Similarity
Query Match
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APPLICANT: Brown, Dennis
TITLE OF INVENTION: NOVEL MUTATED VIRUSES, ANTIVIRAL COMPOUNDS AND NOVEL METHODS
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                   MOLECULE TYPE:
DESCRIPTION: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18
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REFERENCE/DOCKET NUMBER: D5
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                    STREET: 8011 C:
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77071
                                                                                          TISSUE TYPE:
CELL TYPE:
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                                                                      CELL LINE:
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STRAIN:
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DEDNESS: double
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milarity 93.3%;
Conservative
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8011 Candle Lane
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Pred. No. 36
 Score 13.4;
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3e+02;
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 DB 1;
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Length 18;
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                                                                                                               US-08-390-850-1116
                                                                                                                              RESULT 417
                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: genomic DNA US-08-050-073-241
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US-08-050-073-241/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
Matches 14; Conserv
                                                                                  Sequence 1116, Application US/08390850 Patent No. 5612215
                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 241,
                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL
                                                                      GENERAL INFORMATION:
             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 87.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
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                                                                                                                                                                                                    571 GCAGGGGCGGGCGTAGG 587
                                                                                                                                                                        18 GCAGNGGCGGGCCNAGG 2
                                                                                                                                                                                                                                 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New Jersey
[: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .Griffith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08050073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Scharf, Stephen J.

VENTION: Methods and Reagents for HLA DRBeta DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                 Conservative
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Bugawan, Teodorica L.
Erlich, Henry A.
                                                                                                                                                                                                                                                                                                                                                                                                      (510) 814-2977
           McSwiggen, James
Gustofson, John
                                         Pavco, Pamela
Stinchcomb,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Apple,
                                                                                                                                                                                                                                                                                                                                                                                                                    (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Raymond
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315
                                                       Kenneth G.
                                                                                                                                                                                                                                             1.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US/08/050,073
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                                                                                                                                                                                                                                             Score 13.4;
Pred. No. 3
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                                                                                                                                                                                                                                 Mismatches
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                                                                                                                                                                                                                            3.1e+02;
3;
                                                                                                                                                                                                                                                          Length 18;
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US-08-317-431A-11/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/390,850

FILING DATE: February 17, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5612215ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 1116: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                        equence 11, Application US/08317431A atent No. 5650277 GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Chicony NB5500/386SX
                                                                                                                                                                                         APPLICANT: Nir Navot and Nurit Eyal
TITLE OF INVENTION: A method of determining the presence and
TITLE OF INVENTION: quantifying the number of di- and
TITLE OF INVENTION: trinucleotide repeats and instrument and
TITLE OF INVENTION: kits therefore
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 8torage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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TOPOLOGY: 11r
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUUKESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS OPERATE: FASTSEQ Version 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                           ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
STREET: 2940 Birchtree space lane
CITY: Silver Spring
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                         STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 211/084
                                                                                   COUNTRY:
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                                                                                   United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IBM P.C. DOS 5.0
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Best Local Similarity 93.3%;
Matches 14; Conservative
            APPLICATION NUMBER: US/08/485,618
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/173,497
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,889
FILING DATE: 5-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/362,652
FILING DATE: 21-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., JOSEPH A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/08
FILING DATE: 1-Jul-93
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5728533el Human 2 Integrin Alpha Subunit
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                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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OPERATING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 972-3-6938542
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REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/317,431A FILING DATE: 4-Oct-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            725 TIGCIGITGCIGCIG 739
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08485618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3: Marshall, O'Toole, Gerstein, Murray & Borun
233 South Wacker Drive, 6300 Sear Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SYSTEM: MS DOS version 6.2, SYSTEM: Windows version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Word for Windows version conv. to ASCII
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.4; DB 1;
Pred. No. 3.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                   Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 18,
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; MOLECULE TYPE: DNA US-08-485-618-91
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                                                                                                                                                                   CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/554,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -08-435-634-1116
                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS:
SOFTWARE: FASTESQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,6.
FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Draper,
                    INFORMATION FOR SEQ ID NO: 1116:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                     NAME: Warburg, Richard 32,327 REGISTRATION NUMBER: 21.7 REFERENCE/DOCKET NUMBER: 21. TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 312-474-6300
                                                     TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 633 West Fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 27866/32797
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH: 18 base pairs
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                                      67-3510
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633 West Fifth Street
                                                         (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             McSwiggen, James
Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pavco, Pamela
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Best Local Similarity
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US-08-362-652-91/c
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                                                               Matches
                                                                               Best Local
                                                                                            Query Match
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                                                                                                                                                                                                                        TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Callatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5766850el Human 2 Integrin Alpha Subunit
NUMBER OF SEQUENCES: 93
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 5-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
FILING DATE:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/173,497
                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 27866/32391
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/362,652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                MOLECULE TYPE:
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                                                                                                                                                            STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                 TELEPHONE: 312-474-0448
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CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 0 FILING DATE: 23-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: Illinois
COUNTRY: United States
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                                                                                                                                                                                                              LENGTH:
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                              334 CCCAGGAGCTCCTGC 348
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 17 CACAGGAGCTCCTGC
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                                                                             Similarity
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233 South Wacker Drive, 6300 Sear Tower
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                                                               Conservative
                                                                                                                                                                   linear
                                                                                                                                                                             single
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                                                                               1.0%; Score 13.4; DB 1; 93.3%; Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
                                                                                                Length 18;
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                                                                                                                                                              Sequence 91, Application US/08482293A Patent No. 5831029 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: NO. 581751561 Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: 1
MOLECULE TYPE:
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APPLICATION NUMBER: US 06
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                         APPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5831029el Human 2 Integrin Alpha Subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 312-474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/32684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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                                   STREET:
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Chicago
Illinois
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                                   E: Marshall, O'Toole, Gerstein, Murray & Borun 233 South Wacker Drive, 6300 Sear Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Marshall, O'Toole, Gerstein, Murray & Borun
233 South Wacker Drive, 6300 Sear Tower
                                                                                                                                                                                                                                                                                                                                                                             Conservative
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93.3%; Pred. No. 3.
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1.1e+02;
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                                                                                                                                                                                                                                                                                                                          Patent No. 5837478
GENERAL INFORMATION:
GAPPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5837478el
NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 91,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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FILING DATE: 5-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/362,6
FILING DATE: 21-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., JOSEPh A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/173,497
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
CLASSIFICATION: 530 PRIOR APPLICATION NUMBER: 1
                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 312-474-6300
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MEDIUM TYPE: Floppy
                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                     STREET: 233 St
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: lin
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                                                                        APPLICATION NUMBER:
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233 South Wacker Driv
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 US 08/173,497
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e, 6300 Sear Tower
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PRIOR APPLICATION DATA:

23-DEC-1993

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US-08-863-639A-17
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                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 N
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILLING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                 TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                          NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELECHOONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 21-DEC-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
nes 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Williams Jr., Joseph A.
REGISTRATION UNMBER: 38,659
REFERENCE/DOCKET NUMBER: 2786
SLECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 5-AUG
                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 91101
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CITY: Pasadena
ropology:
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                                               ENGTH:
                TRANDEDNESS:
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                              nucleic acid
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                                               18 base pairs
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225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18 base pairs
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linear
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                                                                                   17:
                                                                                                                                                                                                                                                                                                                                              3.50 inch, 1.44 Mb storage
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Pred. No. 3.1e+02;
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RESULT 427
US-09-193-043-91/c
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                                                                                                                                                                                                                                                                                                                                US-09-106-038A-83
                                                                                                    GENERAL INFORMATION:
                                                                                                                     Sequence 91, Application US/09193043 Patent No. 6251395
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/106,0

FILING DATE: June 26, 1998

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Laurel Spear Bernstein

REGISTRATION NUMBER: 37,280

REFERENCE/DOCKET NUMBER: RTS-01

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Brenda
APPLICANT: Gallatin, Michael W.
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 6251395el Human 2
FILE REFERENCE: 27866/35004
CURRENT APPLICATION NUMBER: US/09/193,043
CURRENT APPLICATION NUMBER: 08/173,497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                             TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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Similarity 93.3%;
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                                                                                                                                                                                                                                                                       Conservative
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Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
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                                                                                                                                                                                                                                                                       Mismatches
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; EARLIER FILING DATE: 1993-12-23
; EARLIER APPLICATION NUMBER: 08/286,829
; EARLIER FILING DATE: 1994-08-05
; EARLIER PILING DATE: 1994-08-25
; EARLIER APPLICATION NUMBER: 08/362,652
; EARLIER FILING DATE: 1994-12-21
; EARLIER APPLICATION NUMBER: 08/943,363
; EARLIER FILING DATE: 1997-10-03
; RAUDIER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 91
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-193-043-91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
FILE REFERENCE: RTS-0225
CURRENT APPLICATION NUMBER: US/09/723,534
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
         Sequence 91, Application US/09688307A

Patent No. 6432404

GENERAL INFORMATION:

APPLICANT: Gallatin, Michael W.

APPLICANT: Van der Vieren, Monica

TITLE OF INVENTION: No. 6432404el Human Beta-2

FILE REFERENCE: 27866/36646

CURRENT APPLICATION NUMBER: US/09/688,307A

CURRENT FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: 09/193,043

PRIOR FILING DATE: 1998-11-16

PRIOR APPLICATION NUMBER: 08/605,672

PRIOR APPLICATION NUMBER: 08/605,672

PRIOR FILING DATE: 1996-02-22

PRIOR FILING DATE: 1993-12-23

PRIOR PILING DATE: 1993-12-23

PRIOR APPLICATION NUMBER: 08/286,889

PRIOR APPLICATION NUMBER: 08/286,889

PRIOR FILING DATE: 1994-08-05

PRIOR FILING DATE: 1994-08-05
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US-09-723-534-28/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
APPLICATION NUMBER: 08/362,652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 862 AGCAGTGTATTAGCT 876
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93.3%;
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93.3%;
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Pred. No. 3.1e+02;
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RESULT 431 US-09-350-259-91/c

GENERAL INFORMATION:

APPLICANT: Gallatin, Michael W.
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 6620915el Human 2
FILE REFERENCE: 27966/35004
CURRENT APPLICATION NUMBER: US/09/350,259
CURRENT FILING DATE: 1999-07-08

Sequence 91, Application US/09350259 Patent No. 6620915

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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU

APPLICANT: KOYAMA, OSAMU

APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: MUTHED FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: MUTHED FOR DETERMINING A CONCENTRATION OF FARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: JD 1999-111601
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
SOFTMARE: PATENTIN VERSION 3.1
                                                                                                                                                                 ; OTHER INFORMATION: SYNTHETIC DNA US-09-725-265-20
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LENGTH: 18
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                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20, Application US/09725265 Patent No. 6492121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                Best Local
                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: KURANE, RYUICHIRO APPLICANT: KANAGAWA, TAKAHIRO APPLICANT: KAMAGATA, YOICHI APPLICANT: YAMADA, KAZUTAKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1994-12-21
PRIOR APPLICATION NUMBER: 09/943,363
PRIOR FILING DATE: 1997-10-03
NUMBER OF SEQ ID NOS: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18
TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Match 1.0%;
Local Similarity 93.3%;
                                        1345
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15 TATATTTTTTTTC 1
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                                                                                 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14; Conservative
                                                                             Similarity 93.3
14; Conservative
                                TATATTTTATTTC 1359
                                                                             1.0%; Score 13.4; DB 1;
93.3%; Pred. No. 3.1e+02;
ative 0; Mismatches 1
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Pred. No. 3.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length
                                                                                                                      Length 18;
                                                                                 0
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                                                                                                                                                                                                  US-08-487-759-1/c
                                                                                                                                                                                                                             RESULT 433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-556-127-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER FILING DATE: 1998-11-16
EARLIER APPLICATION NUMBER: 08/173,497
EARLIER FILING DATE: 1993-12-23
EARLIER FILING DATE: 1993-12-23
EARLIER APPLICATION NUMBER: 08/286,889
EARLIER APPLICATION NUMBER: 08/362,652
EARLIER APPLICATION NUMBER: 08/362,652
EARLIER FILING DATE: 1994-12-21
EARLIER APPLICATION NUMBER: 08/943,363
EARLIER FILING DATE: 1997-10-03
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PATENTIN Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID |
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/09/556,127
CURRENT APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ACTIVITYEE

TYPE:
                                                                                          Sequence 1, Application US/08487759
Patent No. 5660989
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KURANE,
APPLICANT: KANAGAT
APPLICANT: KANAGAT
APPLICANT: YAMADA,
APPLICANT: YOKOMAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: ARTIFICIAL SEQUENCE FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: SYNTHETIC DNA
                                 APPLICANT:
      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                       1345 TATATTTTATTTTC 1359
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                                                                                                                                                                                                                                                                                                                               TATATTTTTTTTTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KAMAGATA, YOICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09556127
Cole, James L.
Olsen, David B.
Kuo, Lawrence C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RYUICHIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KAZUTAKA
U, TOYOKAZU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.0%;
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Pred. No. 3.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.4; DB 1; Length 18; Pred. No. 3.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 18;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASCSEQ for Windows Versi
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (908)-594-472
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08,
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 32,8:
                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                           COUNTRY: US
ZIP: 07065
                                                                                                                                                                                                STATE:
                                                                                                                                                                                                              CITY: RAHWAY
                                                                                                                                                                                                                              ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                   FASTSEQ for Windows Version 2.0
                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                    COLE, JAMES L.
OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (908) -594-4720
                                                                                                                                                                                                                                                                                                                                                                                       BENSELER,
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                                                                                                                                                                                                                                                                                                                                    LAWRENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.0%; Score 13.4; DB 1;
93.3%; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA POLYMERASE EXTENSION ASSAY FOR INFLUENZA VIRUS ENDONUCLEASE
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PRIOR APPLICATION DATA:

APPLICATION NUMBER:

08/480,068

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LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base
LOCATION: 1...1

OTHER INFORMATION:
US-08-807-104-1
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Best Local Similarity 93.3%;
Matches 14; Conservative
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for Windows Version 2.0
SOFTWARE: PASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FBB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08807104
Patent No. 5861501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
TUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Genomic RNA
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.
                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 126 | CITY: RAHWAY
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TOPOLOGY: lir
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US-08-807-104-6/c
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APPLICANT: BENSELI
                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASISEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/807,104 FILING DATE: 04-FEB-1997 CLASSIFICATION: 514 PRIOR APPLICATION DATA: PRIOR A
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MEDIUM TYPE: Disketto
COMPUTER: IBM Compat:
COPERATING SYSTEM: DO
                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/480,
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
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MOLECULE TYPE:
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OTHER INFORMATION:
NAME/KEY: Modified Base
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OTHER INFORMATION:
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                                                         STRANDEDNESS: single
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STRANDEDNESS: single
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16 AATTAAAAATAAAAA 2
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                                                                                                                                                                                                                                                                                              732-594-4720
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SYSTEM: DOS
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Genomic RNA
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08/480,068
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US-08-807-104-7/c
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/ACENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
NAME: YABLONSKY, MICHAEL D
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
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ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
                                                                                                         TOPOLOGY: 15
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APPLICANT: KUO, LAWREG C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                          FEATURE:
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               LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
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OTHER INFORMATION:
                                                                                                                                            STRANDEDNESS:
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                                                                       NAME/KEY: Modified Base
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US-08-807-104-8/c
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Patent No. 5861501
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: BENSEL
APPLICANT: COLE,
                                                                                                                                                                                                                                                                                                                          NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                      MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                                                                      STRANDEDNESS: single TOPOLOGY: linear
                                                  OTHER INFORMATION:
                                                                                                OTHER INFORMATION:
                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                            NAME/KEY: Modified Base
                                                                                                                                    NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1516 AATTAAAAAAAAAA 1530
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INFORMATION:
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                                                                                                                                                                                                                                                                                                                732-594-4720
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OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BENSELER, FRITZ
                                                                                  Modified Base
                                                                                                                                    Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Diskette
                                                                                                                                                                        Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LAWRENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.0%; Score 13.4; DB 1; 93.3%; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
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Best Local
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Patent No. 5861501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -08-807-104-9/c
                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DRRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                      NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                      LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                    OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: Bing
                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                   OTHER INFORMATION:
                                                                                                                                                                                                                       NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                        NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1516 AATTAAAAAAAAAA 1530
1516 AATTAAAAAAAAAA 1530
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                                                 ch 1.0%; Score 13.4; DB 1; Length 19; Similarity 93.3%; Pred. No. 3.3e+02; 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         07065
                                                                                                                                                                                                                                                                                                                                                         nucleic acid
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                                                                                                                                                                    Modified Base
                                                                                                                                                                                                                                                                                                          Genomic RNA
                                                                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LAWRENCE C.
)N: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.0%; Score 13.4; DB 1; Length 19; 3.3%; Pred. No. 3.3e+02;
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                                                    0,
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                                                    Gaps
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                                                                Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REGISTRATION NUMBER: 40,407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10,
                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: NJ
                                                                                                                                                                                                                        NAME/KEY: Modified Base LOCATION: 1...1
                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                        NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                    COCATION: 19...19
DTHER INFORMATION:
                                                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                                                                                                                                              OCATION:
                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 19 base pairs
                       1516 AATTAAAAAAAAAA 1530
16
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 AATTAAAAATAAAA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BENSELER,
                                                                                                                                                                                                                                                                                              Modified Base
                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Diskette
                                                                                                                                                                                                                                                                                                                                Genomic RNA
                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LAWRENCE
                                                                   0
                                                                                     Score 13.4;
Pred. No. 3
                                                                   Mismatches
                                                                                     3.3e+02;
                                                                                                     DB 1;
                                                                                                     Length 19;
                                                                   Indels
                                                                   0;
                                                                   Gaps
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RESULT 441 US-08-807-104-13/c ; Sequence 13, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

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COMPUTER: IBM Compactation
COMPUTER: IBM Compactation
OPERATING SYSTEM: DOS
SOFTWARE: FRAESEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/ACENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; NAME/KEY: Modified Base; LOCATION: 1...1; OTHER INFORMATION: US-08-807-104-13
                                                                                                                                                                                                          S-08-807-104-14/c
Sequence 14, Application US/08807104
Patent No. 5861501
                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                    GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLLE, JAMES L.
APPLICANT: COLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE HARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SI
TITLE OF INVENTION: APTAMERS
                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                    DDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                  1516 AATTAAAAAAAAAA 1530
                                                                                                                                                                                                                                                                                                                              16 AATTAAAAATAAAAA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Z
126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BENSELER,
                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SS: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LAWRENCE C.
ON: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                          1.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.4; DB 1; Length 19; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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                                                                                                                                                                                                                                                                                                                  RESULT 443
                                                                                                                                                                                                                                                                   Sequence 15, App
Patent No. 58615
                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: BENSEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,0
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 194
TELECOMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEPRX: 772
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: 100. DOS
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
US/08/807,104
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                      APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Modifie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 732-594-46
TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/0 FILING DATE: 04-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OCATION:
                                                                                                                                                                                                                                                                                                                                                                                     1516 AATTAAAAAAAAAA 1530
                                                                                                                                                                                                                                                                                                                                                                 16 AATTAAAAATAAAA 2
                                                                                                                                                                                                                                                                                                                                                                                                                             14;
                                                               RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           07065
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                                                                                                                                                                                                                                                                                   Application US/08807104
                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                         COLE, JAMES L. OLSEN, DAVID B.
                                                                                                                                                                                                                                      BENSELER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Modified Base 2...2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                            1.0%;
                                                                                                                                             21
                                                                                                                                                                                                                                        FRITZ
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Pred. No. 3
                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                          .3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 19;
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Gaps

OPERATING SYSTEM: DOS
SOFTWARE: Fast SEQ for Windows Version
CURRENT APPLICATION DATA:

US/08/807,104

IBM Compatible

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US-08-807-104-16/c
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 16, Application US/08807104
Patent No. 5861501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/
PILING DATE: 04-PEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480
                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                     COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                             APPLICANT: KUO, LAWRENCE C. TITLE OF INVENTION: CAPPED S'
                                                                                                                                                                                                                                                                                                                                  APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Genomic RNA
                                                                                                                                                                                    STREET: 126 E
CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1516 AATTAAAAAAAAAA 1530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SS: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Modified Base
                                                                                                               Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.0%;
                                                                                                                                                                                                                                                                                                             CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                08/480,068
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1; Length 19; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0,
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RESULT 445
US-08-973-139-1/c
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OTHER INFORMATION:
US-08-807-104-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cole,
APPLICANT: Olsen
APPLICANT: Kuo,
                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19:
                                                                                  FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Ms. Joanne J. Giesser
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
PILLING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified
                                                                                                                                                                                                                                                                                                  CITY: Rahway
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: modifie
                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 732-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
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                                                                                                                                                                                                                                                                         07065
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08973139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19 base pairs
                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                        Olsen, David B.
Kuo, Lawrence C.
VENTION: DNA POLYMERASE EXTENSION ASSAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cole, James L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Modified Base
12...12
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                                                                                                                                                     US/08/973,139
                                                                                    US/08/487,760
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0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 19;
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; ANTI-SENSE:
US-08-973-139-1
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -08-480-068-1/c
                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (908)-594-47
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION UNDEER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                              MOLECULE TYPE: GE
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
HYPOTHETICAL: NO
                             FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 126 F
                                                                                                                                 STRANDEDNESS:
                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                             TELEFAX: 908-594-4720
                                                                                                                      : YEOTOGA
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                                                                                                                      linear
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                                                                                                      Genomic RNA
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                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LAWRENCE C.
ON: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
CES: 21
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Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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US-08-480-068-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSEL
APPLICANT: COLE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08480068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: OLSEN, DAVIU B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                          MOLECULE TYPE: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/0
FILING DATE: 07-UN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatibl OPERATING SYSTEM: DOS SOFTWARE: FASTSEQ Versicurent Application DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 07065-0907
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                          DRIGINAL SOURCE:
                                       LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                                                                                                                                                                                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                              NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CTHER INFORMATION:
              OTHER INFORMATION:
                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                           NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1516 AATTAAAAAAAAAA 1530
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                                                                                                                                                                                                                                  nucleic acid
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OLSEN, DAVID B.
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                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FastSEQ Version 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BENSELER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM Compatible
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                                                                                                                                                                        ŏ
                                                                                                                                                                                                                  single
                                                                                                                                                                                        Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.0%; Score 13.4;
93.3%; Pred. No. 3
                                             Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US/08/480,068
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3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
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US-08-480-068-6
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FABLESCY VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                            MOLECULE TYPE: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                           FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES: JOANNE M. GIESSER - MERCK & CO., INC
ADDRESSES: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                    LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Con
OPERATING SYSTEM:
SOFTWARE: FastSE(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: RAHWAY
STATE: NJ
                                                                     LOCATION: 13...13 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                         NAME/KEY: Modified Base
                                                                                                                                                                    OTHER INFORMATION:
                                                                                                                                                                                                         NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                       OPOLOGY:
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1.0%;
93.3%;
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Score 13.4; DB 1;
Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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                                                                                                US-08-480-068-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 449
                     Query match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: BENSELER,
APPLICANT: COLE, JAM
APPLICANT: KUO, LAWR.
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Applic Patent No. 6111095
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/48C
FILING DATE: 07-UN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY_AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTEATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                         HYPOTHETICAL: NAME ANTI-SENSE: NO FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: "Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
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                                                                                                                                                              OTHER INFORMATION:
                                                                                                             LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                             NAME/KEY: Modified Base
                                                                                                                                                                                         NAME/KEY: Modified
                                                                                                                                                                                                            OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
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                                                                                                                                                                                                                                          VAME/KEY:
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1516 AATTAAAAAAAAAAA 1530
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                                                                                                                                                                                                                                                                                                                                                                                                       19 base pairs
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OLSEN, DAVID B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BENSELER,
                                                                                                                                                                                                                                            Modified
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                                                                                                                                                                                            Base
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                              <u>.</u>.
                                               Score 13.4; DB 1;
Pred. No. 3.3e+02;
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                                Mismatches
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                                                                DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1;
                                                              Length 19;
                                Indels
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                                                                                                                                ; LOCATION: 6...6; OTHER INFORMATION: US-08-480-068-8
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US-08-480-068-8/c
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                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASLSEQ VERSION 1.5
SOFTWARE: FASLSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,066
FILLING DATE: 07-JUN-1995
CLASSIFICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                 FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: N
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                               LOCATION: 1....
OTHER INFORMATION:
NAME/KEY: Modified
NAME/KEY: 6..6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: OLSEN, DAVID B. APPLICANT: KUO, LAWRENCE C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BENSELER, FRIT APPLICANT: COLE, JAMES L.
                                                                               Local
                                                                                                                                                                                                                          COTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                                                                                                   NAME/KEY: Modified Base
                               1516 AATTAAAAAAAAAA 1530
16
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                                                                               Similarity
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 AATTAAAAATAAAA 2
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                                                                Conservative
                                                                                                                                                                 Modified Base 6...6
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                                                                              1.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8:
                                                                Score 13.4; D
Pred. No. 3.3e
0; Mismatches
                                                                0,
                                                                               3.3e+02;
                                                                                               DB 1;
                                                                                               Length 19;
                                                                 Indels
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
TYPE: nucleic acid
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                                                                                                                               US-08-480-068-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/08480068 Patent No. 6111095
                                                                             Query Match
Best Local &
                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BENSELER, FRILLA
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: TAWRENCE (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                         FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                         LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                             LOCATION: 6...6
OTHER INFORMATION:
                                                                                                                                                                                                                                         OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                          NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                         NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                          OCATION:
                              1516 AATTAAAAAAAAAA 1530
16 AATTAAAAATAAAAA
                                                               14;
                                                                               Similarity
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                                                               Conservative
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N: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JOANNE
                                                                           1.0%; Score 13.4; DB 1:
93.3%; Pred. No. 3.3e+02
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                                                               Mismatches
                                                                                               DB 1;
                                                                                            Length 19
                                                               Indels
                                                               0,
                                                               Gaps
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RESULT 452 US-08-480-068-10/c

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RESULT 453
US-08-480-068-13/c
; Sequence 13, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              US-08-480-068-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
LENGTH: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                    Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FASCESQ VETSION 1.5
SOFTWARE: FASCESQ VETSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 194
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                       NATION: 1....
LOCATION: 1....
OTHER INFORMATION:
NAME/KEY: Modified
19...19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KUO, LAWRENCE C
TITLE OF INVENTION: CAPPED
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                          NAME/
LOCATION: 1....
OTHER INFORMATION:
NAME/KEY: Modified
NAME/KEY: Modified
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: COLE, JAMES L.
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ZIP: 07065-0907
                                                                                                                                                                                                                                                                                           LOCATION: 19...19
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified Base
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TOPOLOGY: lir
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                                                                                                                                                              1516 AATTAAAAAAAAA 1530
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                                                                                                                                                                                                                   1.0%; Score 13.4; DB 1; 93.3%; Pred. No. 3.3e+02;
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                                                                                                                                                                                                                                      Length 19;
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RESULT 454
US-08-480-068-14/c
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                                                                                                                                                            Sequence 14, Application US/08480068 Patent No. 6111095 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.0%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: PastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/480,0
PILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                     APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KIO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 1...1
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 908-594-4720
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
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COLE, JAMES L.
COLSEN, DAVID B.
CLSEN, DAVID B.
KUO, LAWRENCE C.
VENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
EQUENCES: 21
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; Sequence 15, Application US/08480068
; Patent No. 6111095
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                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: line
MOLECULE TYPE: O
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                         APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                               STREET: 126
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified Base LOCATION: 2...2 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
                 STATE: NJ
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                    93.3%;
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BER: 19406
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                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.4; DB 1; Length 19; Pred. No. 3.3e+02;
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RESULT 456
US-08-480-068-16/c
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                                                                                                                                                                                                                                                        Sequence 16, Application US/08480068 Patent No. 6111095
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APPLICANT: BENSELE:
APPLICANT: COLE, J.
APPLICANT: OLSEN, J.
                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/0 FILLING DATE: 07-UUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION:
1...1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
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COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                          APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified Base LOCATION: 13...13 OTHER INFORMATION:
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SOFTWARE: FastSEQ Version 1.5
                                                                               CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                        1516 AATTAAAAAAAAAA 1530
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                                                                              RAHWAY
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                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                          COLE, JAMES L.
OLSEN, DAVID B.
                                                                                                                                                                                                                           BENSELER, FRITZ
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OPERATING SYSTEM:

IBM Compatible

US/08/480,068

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Sequence 4, Application US/09302201A

Patent No. 6265166

Patent No. 6265166

Patent INFORMATION:

APPLICANT: Bukanov, Nikolay O.

APPLICANT: Bukanov, Vadim V.

APPLICANT: Loemidov, Vadim V.

APPLICANT: Kuhn, Heiko

TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops

FILE REFERENCE: BU9901-US

CURRENT APPLICATION NUMBER: US/09/302,201A

CURRENT FILING DATE: 1999-04-29

EARLIER APPLICATION NUMBER: 60/083684

EARLIER FILING DATE: 1998-04-29

INUMBER OF SEQ ID NOS: 18

COUNTAIN TO THE TOWNS OF SEQ ID NOS: 18

COUNTAIN TO THE TOWNS OF SEQ ID NOS: 18

COUNTAIN TO THE TOWNS OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 457
US-09-302-201-4
                                                                              SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 19
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,01
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: One Strand
                                         ORGANISM: Artificial Sequence
                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLICAL: GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y match 1.0%;
Local Similarity 93.3%;
hes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modifie LOCATION: 12...12 OTHER INFORMATION:
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1516 AATTAAAAAAAAAA 1530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 AATTAAAAATAAAAA 2
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        of.
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RESULT 459
US-08-973-137-1/c
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                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Applic
Patent No. 6369208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOPTWARE: PatentIn Ver. 2.0 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1.0%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Frank-Kamenetskii, Maxim D.
APPLICANT: Bukanov, Nikolay O.
APPLICANT: Demidov, Vadim V.
APPLICANT: Kuhn, Heiko
TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops
FILE REFERENCE: BU9901-US
CURRENT APPLICATION NUMBER: US/09/302,201A
CURRENT FILING DATE: 1999-04-29
EARLIER FILING DATE: 1998-04-29
EARLIER FILING DATE: 1998-04-29
UNMBER OF SEQ ID NOS: 18
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
APPLICANT:
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,
FILING DATE:
                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                     APPLICANT: KUO, LAW
TITLE OF INVENTION:
                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                          COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                              MEDIUM TYPE: Diskette
                                                                                                                            COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       763 CCCATCGAACCTTCT 777
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                                                                                                                                                                                         E: JOANNE M. GIESSER - N
126 EAST LINCOLN AVENUE
                                                                                                                                                                                                                                                                                    COLE, JAMES L. OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                    BENSELER,
                                                             IBM Compatible SYSTEM: DOS
                                                                                                                                                                                                                                                                     LAWRENCE
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                                                                                                                                                                                                                                                       CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                      FRITZ
              US/08/973,137
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Pred. No. 3
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Pred. No. 3
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                                                                                                                                                                                           MERCK &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3.3e+02;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/41
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:

08/480,068

CLASSIFICATION:

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LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

US-08-973-137-1
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US-08-973-137-4/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
HYPOTHETICAL: NO
ANTI-SENSE: NO
              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/41
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,
FILING DATE:
                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
                                                                                                                                                                                                             ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 19-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FRAGMENT TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: GIESSER, JOANNE REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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GIESSER, JOANNE M
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Pred. No. 3.3e+02;
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                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480
APPLICATION NUMBER: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
            REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION:

NAME/KEY: Modified Base
LOCATION: 1...1

OTHER INFORMATION:
                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                      STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                        CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Modified Base LOCATION: 1...1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1516 AATTAAAAAAAAAAA 1530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6, Application US/08973137
5. 6369208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             h 1.0%;
Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COLE, JAMES L.
OLSEN, DAVID B
908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BENSELER, FRITZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                         08/480,068
                                                                                                                                                                                                            US/08/973,137
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.4; DB 1; Pred. No. 3.3e+02; 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 19;
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nucleic acid

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RESULT 462
US-08-973-137-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US

ZOUNTRY: US

ZOUNTRY: US

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM COMPACIBLE

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -08-973-137-6
                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REGERENCES/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NERAL INFORMALL.

APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
APPLICANT: KUO, LAWRENCE C.
APPLICANT: NO SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           quence 7, Application US/08973137
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 126 E
CITY: RAHWAY
STATE: NJ
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                                                                                                                                                             TELEFAX:
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NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : YDOLOGY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1516 AATTAAAAAAAAAA 1530
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                                                                                                                                                             908-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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; LOCATION: 13...13; OTHER INFORMATION: US-08-973-137-7
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US-08-973-137-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COLE, JAMES ...
APPLICANT: COLSEN, DAVID B.
APPLICANT: CUSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linea MOLECULE TYPE: Ge: HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                             SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION UNDER: 08/4
PILING DATE: 07-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                      NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE:
ORIGINAL SOURCE:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Cor
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
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OTHER INFORMATION:
NAME/KEY: Modifie
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                                                                                                      TELEFAX:
                                                                                                                          TELEPHONE:
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                                                                                                        908-594-4720
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                                                                                                                           908-594-3046
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                                                                                                                                                                                                                                             08/480,068
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                                                                                                                                                             19406
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Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 19;
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RESULT 464
US-08-973-137-9/c
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/08973137 Patent No. 6369208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: BENSELI
                                                                                                                                    INFORMATION FOR SEQ ID NO:
              TOPOLOGY: lin
MOLECULE TYPE:
HYPOTHETICAL: N
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tent No.
                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 126 E
CITY: RAHWAY
STATE: NJ
                                                                 STRANDEDNESS: single
                                                                                                                                                                                                                       NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/973,137 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified Base LOCATION: 6...6 OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
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                                                                               nucleic acid
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                                                                                                                                                                                                                         19406
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Pred. No. 3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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US-08-973-137-10/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                             HYPOTHETICAL: I
                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: LL.
DRIGINAL SOURCE:
                  RAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                      NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 6...6
OTHER INFORMATION:
                                                                                                                                                                         TELEX:
                                                                                                                                                                                        TELEFAX:
                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                              TOPOLOGY: linear
                                                                                        STRANDEDNESS:
                                                                                                          TYPE: nucleic acid
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OTHER INFORMATION:
                                                                                                                           LENGTH: 19 base pairs
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6369208
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                                                                                                                                                                                                                                                                      GIESSER, JOANNE
                                                                                                                                                                                           908-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Diskette
                                                              Genomic RNA
                                                                                          single
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93.3%; Pred. No. 3
                                                                                                                                                                                                                                                                                                                    08/480,068
                                                                                                                                                                                                                                                                                                                                                                                   US/08/973,137
                                                                                                                                                                                                                                                      32,838
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RESULT 466
US-08-973-137-13/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
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ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/480,06
APPLICATION NUMBER: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REFERENCE/DOCKET NUMBER: 12/838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
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                                                                                                                                 MOLECULE TYPE: G
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastESEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: RAHWAY
NAME/KEY: Modified Base LOCATION: 1...1 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/973,137 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PLICANT: KUO, LAWI
TLE OF INVENTION:
MBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified Base LOCATION: 19...19 OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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Pred. No. 3.3e+02;
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RESULT 467
US-08-973-137-14/c
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Best Local Similarity
Query Match
                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/08/977

FILING DATE:
CLASSTORM
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                                                                                                                                                                                               MOLECULE TYPE: N
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 07065-0907
COMPUTER READABLE FORM:
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ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                 ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: LANGE TOTTY: RAHWAY
                                                                                                        LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM CON OPERATING SYSTEM:
                                                                              OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              NAME: GIESSER, JOANNE REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                  STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                   NAME/KEY:
                                                                                                                                                     NAME/KEY: Modified Base
                                                                                              OCATION:
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                                                                                                                                                                                                                                                                                 nucleic acid
                                                                                                                                                                                                                                                                                                                                                         908-594-4720
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OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                      linear
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SYSTEM: DOS
                                                                  Modified Base
                                                                                                             Modified
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Diskette
                                                                                                                                                                                                                                          Genomic RNA
                                                                                                                                                                                                                                                                   single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.0%; Score 13.4; DB 1;
93.3%; Pred. No. 3.3e+02;
                                                                                                              Ваве
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1.0%;
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Score 13.4; DB 1;
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Length 19;
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; NAME/KEY: Modified Base LOCATION: 13...13; OTHER INFORMATION: US-08-973-137-15
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US-08-973-137-15/c
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No. 6369201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 93.3%;
Matches 14; Conservative
                        Query Match
Best Local Similarity
               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: BENSEL
                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                       MOLECULE TYPE: N
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                            FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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OPERATING SYSTEM:
                                                                                                                           OTHER INFORMATION:
                                                                                                                                                                     OTHER INFORMATION:
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                                                                                                                                                       NAME/KEY: Modified Base
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                                                                                                                                                                                    VAME/KEY: Modified OCATION: 1...1
                                                                                                                                                                                                                                                                                                      COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LICANT: KUO, LAWRENCE C.
LE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1516 ААТТААААААААА 1530
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OLSEN, DAVID B.
             Conservative
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SYSTEM: DOS
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            Score 13.4; DB 1;
Pred. No. 3.3e+02;
0; Mismatches 1;
                                        Length 19
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US-08-973-137-16/c
                                                                Matches 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,83
                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSE - MERCK & CO., INC
ADDRESSES: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                          FEATURE: Modified Base
                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NATI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                         RAGMENT TYPE:
                                                                                                                                                                                                                                                                                                               RIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                OTHER INFORMATION:
                                                                                                                                                               NAME/KEY: Modified Base LOCATION: 12...12
                                                                                                                                                                                               CTHER INFORMATION:
                                                                                                                                                                                                              NAME/KEY: Modified Base LOCATION: 1...1
                                                                                                                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 908-594-30
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/973,137
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                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
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                              1516 AATTAAAAAAAAAA 1530
16 AATTAAAAATAAAA 2
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6369208
                                                                               Similarity
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                                                                Conservative
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OLSEN, DAVID B
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                                                                               1.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08/480,068
                                                                0,
                                                                             Score 13.4; DB 1;
Pred. No. 3.3e+02;
                                                                  Mismatches
                                                                                                  DB 1;
                                                                                              Length 19;
                                                                  Indels
                                                                  0
                                                                Gaps
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Sequence 6597, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Chumakov, 11ya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/092,614

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NO 6969

LENCTH: 19
RESULT 472
US-09-758-735-4
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US-09-422-978-6969/c
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; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-28
                                                                                                                                                                                                                                                            ; OTHER INFORMATION: upstream amplification primer 99-21787 for SEQ 3035, US-09-422-978-6969
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                              Query Match
Best Local :
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SEQ ID NO 28
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                                                                                                                                                                          Matches
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APPLICANT: Kurth, Janice
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
TILE OF INVENTION: (STP2)
TILE OF INVENTION: (STP2)
CURRENT APPLICATION UNMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -09-328-174A-28
                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
LOCATION: 1..19
LOCATION: up
                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                       y Match 1.0%; Score 13.4; DB 1; Length 19; Local Similarity 93.3%; Pred. No. 3.3e+02;
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                                                                                                                              864 CAGTGTATTAGCTTC 878
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                                                                                    CAGCGTATTAGCTTC 5
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Pred. No. 3.3e+02;
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APPLICANT: Bukanov, Nikolay O.

APPLICANT: Demidov, Vadim V.

APPLICANT: Kuhn, Heiko
APPLICANT: Broude, Natalia E.

TITLE OF INVENTION: Methods and Compositions Pertaining To PD-
FILE REFERENCE: BU9901US-CN1
CURRENT APPLICATION NUMBER: US/09/758,735
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/083684
PRIOR APPLICATION NUMBER: 09/302201
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 18
                                                                                                            ; SEQ ID NO 5; LENGTH: 19; LENGTH: 19; TYPE: DNA; TYPE: DNA; ORGANISM: Artificial Sequence; PERTURE; OTHER INFORMATION: Description of Artificial Sequence: One Strand of; OTHER INFORMATION: a plasmid US-09-758-735-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: One Strand; OTHER INFORMATION: a plasmid US-09-758-735-4
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APPLICANT: Frank-K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09758735 Patent No. 6596486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL, INFORMATION:
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                                         Matches
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Best Local Similarity 93.3%;
                                                           Best Local
                                                                          Query Match
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/083684
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 09/302201
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Broude, Natalia E.
TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops
FILE REFERENCE: BU9901US-CN1
CURRENT APPLICATION NUMBER: US/09/758,735
CURRENT FILING DATE: 2001-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
                                                                                                                                                                                                                                                                     SOFTWARE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  763 CCCATCGAACCTTCT 777
   763 CCCATCGAACCTTCT 777
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                                                           Similarity
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Demidov, Vadim V.
Kuhn, Heiko
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Bukanov, Nikolay O.
Demidov, Vadim V.
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                                       Conservative
                                                         1.0%;
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Pred. No. 3.3e+02;
                                                       Score 13.4;
Pred. No. 3.
                                         Mismatches
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                                                                          DB 1;
                                                           .3e+02
                                                                        Length 19;
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; FEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
US-09-696-791-4047
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US-09-696-791-4047
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SEQUENCE FILING DATE: 200-10-25

FILE REFERENCE: 480124.407

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 4047

LENGTH: 19
                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACIBLE
OPERATING SYSTEM: BC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08320
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 132,838
REFERENCE/DOCKET NUMBER: 13933 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application:
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Best Local Similarity 93.3%;
                                                                           TELEFAX: (908)-594-4720
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Olsen, David
APPLICANT: Kuo, Lawrence
TITLE OF INVENTION: DNA
TITLE OF INVENTION: INFI
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy
                HYPOTHETICAL:
ANTI-SENSE:
                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: UZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 126 | CITY: Rahway
                                TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O.
                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09696791
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NN: DNA POLYMERASE EXTENSION ASSAY FOR
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Pred. No. 3.3e+02;
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RESULT 477
5223425-17
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PCT-US96-08330-1/c
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                                                      Patent No. 5223425

APPLICANT: FLIER, JEFFREY S.;SPIEGELMAN, BRUCE M.;ROSEN,
BARRY M.;WHITE, TYLER R.

TITLE OF INVENTION: DNA ENCODING HUMAN ADIPSIN WITH COMPLEMENT
                                                                                                                                                                                                                                                                                                                            PCT-US96-08330-1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (908)-594-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
NUMBER OF SEQUENCES: 19
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/277,963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Glesser, Joanne M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KNO, LAWRENCE C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TOPOLOGY: linear
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Similarity 93.3%;
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126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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Olsen, David B.
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Pred. No. 3.3e+02;
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GENERAL INFORMATION:
APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: DN386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Thes 15; Conserve
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US-09-142-108C-27
                                                                                                                                                                                                                                                                                                                                      US-09-637-751A-7/c
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 34,203
FILING DATE: 02-APR-1987
SEQ ID NO:17:
                                                                                                                                           APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6383754
FILE REFERENCE: AGL 100
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/09637751A Patent No. 6383754
                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Patent No. 6774285
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Best Local Similarity
                                                                                CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19
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Lizardi, Paul M.
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Pred. No. 3.5e
0; Mismatches
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Pred. No. 3.
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APPLICANT: Lizardi, Paul M.

APPLICANT: Feng, Li

APPLICANT: Latimer, Darin R.

TITLE OF INVENTION: Binary Encoded Sequence Tay

Patent No. 6773886

PILE REFERENCE: AGL 100

CURRENT APPLICATION NUMBER: US/09/994,311

CURRENT FILING DATE: 2001-11-26

PRIOR APPLICATION NUMBER: US/09/637,751

PRIOR APPLICATION NUMBER: US/09/637,751

PRIOR TILING DATE: 2000-08-11

NUMBER OF SEQ ID NOS: 10

SOPTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-142-108C-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-994-311-7/c
US-09-142-108C-28
                                                                                                          PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Best Local (
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Best Local Similarity
                                                                                                                                                                                                      APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Holton, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kaufman, APPLICANT: Roth, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
                                  ORGANISM: Artificial Sequence FEATURE:
                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1514 TTAATTAAAAAAAAAAA 1531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1514 ТТААТТААААААААААА 1531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 TGAAAAAAAAAAAAAA 1
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Lizardi, Paul M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.2;
Pred. No. 3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.2; DB 1;
Pred. No. 3.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.5e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
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Query Match
Best Local Similarity
Matches 15; Conserva
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US-07-759-841C-2/c
                                                                                                                                                                                                                              ; DATE: 19
US-07-759-841C-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application Patent No. 5618796
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch,
MEDIUM TYPE: Diskette, 5.25 inch,
MEDIUM TYPE: Diskette, 5.33
COMPUTER: IMP-comparible 486/33
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/759,841C
APPLICATION NUMBER: 12 September 1991
CLASSIFICATION: 514
PRIOR APPLICATION DATA: none
ATTORNEY/AGENT INFORMATION:
NAME: Eloyd John B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (804) 220-0930
TELEFAX: (804) 220-0930
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Iversen, ITITLE OF INVENTION: IT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Floyd, John P.
REGISTRATION NUMBER: 19,528
REFERENCE/DOCKET NUMBER: 63031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (804) 220-0930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotide bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: Yes
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SECULIARY OF SECULIAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: cDNA to a mRNA HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
les 15; Conserv
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CITY: Williamsburg
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CHROMOSOME/SEGMENT: 16q21-q22.1.
MAP POSITION: 844 through 861
                                                                                                                                                                                                                                                                                                                                                                                                                     JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                     SSUE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NTHORS: Karin, M., and Richards, R. I.
TILE: Human metallothionein genes-primary
and structure of the Metallothionein-II gene and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1302 TCTATTTTTTTTTTTTC 1319
334 CCCAGGAGCTCCTGCGCC 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 a related processed gene
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P.O. Box 3609
                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             Nature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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No. 5618796el Metal Binding Agents,
Methods and Compositions for Their
Use to Treat Metal Toxicity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/07/759,841C
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                                                                                                       Score 13.2; DB 1; Length 18; Pred. No. 3.5e+02;
                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          360 Kb storage
                                                                           Indels
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                                                                           Gaps
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                                                                                                                                           US-07-759-841C-3
                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/07759841C Patent No. 5618796
                                                                                                    Query Match
                                                                                    вевт госат
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (804) 220-0930 INFORMATION FOR SEQ ID NO: 3:
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APPLICANT: Iverse
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Floyd, John P.
REGISTRATION NUMBER: 19,528
REFERENCE/DOCKET NUMBER: 63031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (804) 220-0930
                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: Yes
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linea MOLECULE TYPE: cf HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotide |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 514
PRIOR APPLICATION DATA: none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                             PAGES: 1982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage COMPUTER: IBM-compatible 486/33 OPERATING SYSTEM: MS-DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Williamsburg
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 12 September 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/07/759,841C
                                                                                                                                                                                                               VOLUME:
                                                                                                                                                                                                                                                                                                   AUTHORS:
                                                                                                                                                                                                                                                                                                                                                    MAP POSITION:
                                                                                                                                                                                                                          OURNAL:
                                334 CCCAGGAGCTCCTGCGCC 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23187-3609
                                                                                    Similarity
                                                                                                                                                                                                                                            3: Karin, M., and Richards, R. I.
Human metallothionein genes-primary
structure of the Metallothionein-II gene and
a related processed gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18 nucleotide bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: John P. Fl
P.O. Box 3609
                                                                   Conservative
                                                                                                                                                                                                                               Nature
                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                    GMENT: 16q21-q22.1.
844 through 861
                                                                                                                                                                                                                                                                                                                                                                                                                                            cDNA to a mRNA
                                                                   0.9%; Score 13.2; I
83.3%; Pred. No. 3.56
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               No. 5618796el Metal Binding Agents, and Methods and Compositions for Their
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Use to Treat Metal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patrick L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floyd, Esq.
18
                                                                 0;
                                                                                    DB 1; Length 18; .5e+02;
                                                                   0,
                                                                   Gaps
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MEDIUM TYPE:

Diskette

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RESULT 485
US-08-476-625-23/c
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                                                                                                                                                                           Sequence 23, Application US/08476625
Patent No. 5739311
GENERAL INFORMATION:
APPLICANT: Lackey, David Bruce
APPLICANT: Lackey, Nanibhushan
APPLICANT: Kacian, Daniel Louis
TITLE OF INVENTION: ENZYMATIC SYNTHESIS OF
TITLE OF INVENTION: PHOSPHOROTHIOATE OLIGONUCLEOTIDES USING RESTRICTION ENDONUCLEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM COMPARIDIE
COMPUTER: IBM COMPARIDIE
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,816
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lackey, David Bruce
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Kactan, Daniel Louis
TITLE OF INVENTION: THE USE OF RESTRICTION ENDONUCLEASE
TITLE OF INVENTION: SEQUENCES FOR CLEAVING PHOSPHOROTHIOATE OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
COUNTRY: USA
ZIP: 92121
COMPUTER READABLE FORM:
                                                                     STREET: 9880 cam
CITY: San Diego
                                                              STATE:
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STATE: CA
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                                                                                                                       ADDRESSEE:
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                                                                                              E: Gen-Probe Incorporated 9880 Campus Point Drive
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Pred. No. 3.5e+02;
0; Mismatches 3;
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Patent No. 5844110
                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/384,324
FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 3076
TELEPHONE: (215) 563-4100
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                                              TELEPHONE: (215) 563-41(
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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LENGTH: 18 base pairs
TYPE: nucleic acid
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gold, Barry I.
                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC
OPERATING SYSTEM:
               TYPE: nucleic acid
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CITY: Philadelphia
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REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBI004
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STRANDEDNESS:
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Similarity 83.3%;
15; Conservative
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 3.
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US-08-949-076-23/c
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                                                                                                  RESULT 488
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Sequence 23, Application US/08949076
Patent No. 5916777
GENERAL INFORMATION:
APPLICANT: Kacian, Daniel Louis
APPLICANT: Dattagupta, Nanibhushan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS/ Microsoft Windows
SOFTWARE: Wordperfect for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/734,973
FILING DATE: October 1996
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, M. Bud
REGISTRATION NUMBER: 35,300
REGISTRATION NUMBER: 35,300
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Best Local Similarity
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TELEPAX: (716) 849-0349
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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HYPOTHETICAL: YES
ANTI-SENSE: YES
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HYPOTHETICAL:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 856-4000
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MEDIUM TYPE: Diskette, 3.5 inch
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ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
STREET: 1800 One M&T Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Anderson, Garth R.
TITLE OF INVENTION: A Rapid Means For Quantitating
TITLE OF INVENTION: Genomic Instability
NUMBER OF SEQUENCES: 38
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Basik, Mark
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Pred. No. 3.5e+02;
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Pred. No. 3.5e
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RESULT 489
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APPLICANT: Datttagup
APPLICANT: Kacian, D
APPLICANT: Lackey, D
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                          Sequence 23, Application US/08484519 Patent No. 5932450
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Best Local 9
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CLASSIFICATION: 435
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/477
FILING DATE: 07-JUN-1995
ATTORNEY, AGENT INFORMATION:
NAME: Fisher, Carlos A.
                                                                     ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB1005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
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TITLE OF INVENTION: ENZYMATIC SYNTHI
TITLE OF INVENTION: OLIGONUCLEOTIDE:
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
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CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER:
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                                                                                Diskette
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ENZYMATIC SYNTHESIS OF
OLIGONUCLECTIDES USING DIGESTIBLE TEMPLATES
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ENZYMATIC SYNTHESIS OF
OLIGONUCLEOTIDES USING 3'-RIBONUCLEOTIDE PRIMERS
                                                                                                                                                                                                                                                                                              Daniel Louis
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US/08/484,519
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Pred. No. 3
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FILING DATE:

07-JUN-1995

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Query Match
Best Local Similarity
""" hes 15; Conserve
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                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: 16-MAY-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               equence 8, Application US/08857946 atent No. 5994075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBIO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929
                                                                                                TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN
TITLE OF INVENTION: GENE OF INTEREST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION
                                                                                                                                  REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 35
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
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APPLICATION NUMBER:
FILING DATE:
                                                                                  SEQUENCE CHARACTERISTICS:
               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston STATE: Massa
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TOPOLOGY: 111
                             STRANDEDNESS:
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                                                                                                                                                                                                   NAME: Kathleen M. Williams
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                                                                 ENGTH:
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other nucleic acid
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Pred. No. 3.5e+02;
0; Mismatches 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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Patent No. 600481
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                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
ABELICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bennett, C. Frank
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                         ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
                                                               APPLICATION NUMBER: 08/81
FILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/0:
FILING DATE: 17-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST NUMBER OF SEQUENCES: 162
                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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CITY: Boston
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REFERENCE/DOCKET NUMBER:
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28 State Street, 28th Floor
                                                                                                                                                                                                                                                                                                                                  USA
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83.3%; Pred. No. 3.5e+02;
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                                                                                   60/017,824
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3529/59829
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Pred. No. 3.5e+02;
0; Mismatches 3
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Query Match
Best Local Similarity
Watches 15; Conserv
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뭉
                                                                                                                              US-08-867-381A-9
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                                                                                                                                                                                                                             TELEFAX: 201-3-0 9
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
18 base pairs
18 base pairs
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Best Local Similarity 83.3
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REGISTRATION NUMBER: 126,742
                                                                                                                                            DESCRIPTION: HYPOTHETICAL:
                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,381A
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 5: CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND TITLE OF INVENTION: THERAPEUTIC USES THEREOF
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                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
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AGGTGAACATCTTAAATT 18
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    David A. Jackson, Esq.
    Hackensack Ave, Continental Plaza, 4th

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                                                              Conservative
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                                                                            Score 13.2; DB 1;
Pred. No. 3.5e+02;
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Pred. No. 3.5e+02;
                                                              Mismatches
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                                                                                             DB 1;
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                                                                                           Length 18;
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                                                              Indels
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US-08-912-272-47
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GENERAL INFORMATION:
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SEQ ID NO 46
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                                                                          TELEFAX: (415) 576-030 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/143,212B CURRENT FILING DATE: 1998-08-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                  SEQUENCE CHARACTERISTICS LENGTH: 18 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READEBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                       CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 08/879,827
FILING DATE: 20-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: Methods
NUMBER OF SEQUENCES: 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 18
                                                                                                            REFERENCE/DOCKET NUMBER: 023070-067220US TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                            FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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                                                                                                                                                                          REGISTRATION NUMBER:
                                                                                                                                                                                            NAME:
                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 15-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   632 GGGGAGGTGGCGCCGCCG 649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              94111-3834
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    San Francisco
                                                                                                                                                                                          Bastian, Kevin L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGGCAGGTGGCGGCGGCG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Townsend and Townsend and Crew LLP
Two Embarcadero Center, Eighth Floor
                                                                                              (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                  20-AUG-1996
single
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83.3%; Pred. No. 3.50
tive 0; Mismatches
                                                                                                                                                                                                                                                       US 08/700,152
                                                                                                                                                                                                                                                                                                                                                                                       US/08/912,272
                                                                                                                                                                        34,774
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TOPOLOGY:

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US-09-181-706-5
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/181,706
FILING DATE: October 28, 1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/958,598 (converted to a APPLICATION NUMBER: Provisional, see below)
FILING DATE: October 28, 1997
CLASSIFICATION OCTOBER 28, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Approximately No. 613007
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APPLICANT: Melanie K. Spriggs, Michael R. Comeau,
APPLICANT: Robert F. DuBose, Richard S. Johnson
TITLE OF INVENTION: VIRAL ENCODED SEMAPHORIN PROTEIN
TITLE OF INVENTION: RECEPTOR DNA AND POLYPEPTIDES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Janis C. Henry
STREET: 51 University St.
                                                                                                                                                                                                                     TELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                                 CLASSIFICATION:

PRIOR APPLICATION UNMBER: --to be assigned-- (USSN 08/958,598 APPLICATION NUMBER: conversion to Provisional application) FILING DATE: october 26, 1998

CLASSIFICATION:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Henry, Janis C
REGISTRATION NUMBER: 34,347
REFERENCE/DOCKET NUMBER: 2631-A
                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                             HYPOTHETICAL:
                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (206)470-4189
TELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                                                                          ANTI-SENSE:
                                                                                                             MOLECULE TYPE:
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LOCATION: 1..18
OTHER INFORMATION:
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                                       NAME/KEY:
                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
                                                                                                                                   TOPOLOGY:
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                                                                                                                               linear
                                                                                      . primer
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Pred. No. 3.
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3.5e+02;
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US-09-458-791-5
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Sequence 5, Application --
Sequence 5, Application --
Patent No. 6174689
Patent N
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                        Matches
                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Henry, Janis C
REGISTRATION NUMBER: 34,347
REFERENCE/DOCKET NUMBER: 26:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)470-4189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS/Windows 95
SOPTWARB: Word for Windows 95, 7.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/458,791
FILING DATE: 10-Dec-199
CLASSIFICATION: UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: US
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/958,598
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: primer
                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO
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                                                   656 GCCGGCCTCAGACTCACC 673
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GCGGGACTCAGAGTCACC
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STATE: WA
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STREET: 51 University St.
                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                        Score 13.2; D
Pred. No. 3.5e
0; Mismatches
   18
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Pred. No. 3.5e+02;
0; Mismatches 3;
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                                                                                                                                                                         3.5e+02;
                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                          Length 18;
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                                                                                                                                            Indels
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US-09-459-066-5; Sequence 5, Application US/09459066; Patent No. 6187909

RESULT 498

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RESULT 499
US-09-721-822A-100/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-459-066-5
                                                               CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 100
LENGTH: 18
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 83.3 Matches 15; Conservative
                                                                                                                                                                                                                                                            Sequence 100, Application US/09721822A Patent No. 6306606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION FILE REFERENCE: RTS-0142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (206)233-064
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY:
LOCATION:
                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CIF: 30142
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS/Windows 95
OPERATING SYSTEM: MS-DOS/Windows 95, 7.0a
OTHER INFORMATION: Antisense Oligonucleotide
                   EATURE:
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LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: HENRY, Janis C
REGISTRATION NUMBER: 34,347
REFERENCE/DOCKET NUMBER: 2631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Word for Windows 95,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/459,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Janis C. Henry
STREET: 51 University St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: primer HYPOTHETICAL: NO
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STRANDEDNESS:
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VIRAL ENCODED SEMAPHORIN PROTEIN
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Pred. No. 3.
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RESULT 501
US-08-700-530-1/c
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US-09-521-144-9
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                                                                                                                                          Query Match
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INFORMATION FOR SEQ ID NO:
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APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent
                                                                                                                                                                                                                                                                                                                                NAME: Jackson Esq., David A. REGISTRATION NUMBER: 26,742 REFERENCE/DOCKET NUMBER: 13-TELECOMMUNICATION INFORMATION: TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-3"
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APPLICATION NUMBER: US 08/867,381
                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 02-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Kidd, Vincent J.
TITLE OF INVENTION: CYCLIN-C VARIANT,
TITLE OF INVENTION: THERAPEUTIC USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 411 H
                                                                                                                              Local
                                                                                                                                                                                                                                 TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 08-MAI CLASSIFICATION:
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                                                                                    1465 AGGTGAACAATTTCAATT 1482
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ER: 1340-1-001 N
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Pred. No. 3.5e+02.
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Pred. No. 3
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Continental Plaza,
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GENERAL INFORMATION:

Sequence 1, Application US/08700530 Patent No. 6316186

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RESULT 503
US-09-026-039-47
; Sequence 47, Application US/09026039
; Patent No. 6329567
; GENERAL INFORMATION:
; APPLICANT: Jofuku, K. Diane
; APPLICANT: Okamuro, Jack K.
; TITLE OF INVENTION: Methods for Improving Seeds
; NUMBER OF SEQUENCES: 103
; NUMBER OF SEGUENCES: 103
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US-08-976-427-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Head, Steven R.
APPLICANT: Geolet, Philip
APPLICANT: Karn, Jonathan
APPLICANT: Boyce-Jacino, Michael
APPLICANT: Boyce-Jacino, Michael
TITLE OF INVENTION: De No. 63229680 or "Universal" Sequencing Array
FILE REFERENCE: 04990.0049
CURRENT APPLICATION NUMBER: US/08/976,427A
CURRENT FILING DATE: 1997-11-21
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FABISEQ for Windows Version 3.0
SEQ ID NO 28
TENCETT. 18
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                               Matches
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CURRENT APPLICATION NUMBER: US/08/700,530
CURRENT FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR APPLICATION NUMBER: GB 9404709.9
PRIOR FILING DATE: 1994-03-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 18
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nee 15; Conserv
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Pred. No. 3.5e+02.
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                                 US-09-516-914-39
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                                                                                       SEQ ID NO 39
LENGTH: 18
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Patent No. 6333401
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Best Local Similarity
Query Match
                                                                                                                                                        APPLICANT: Breinig, Sabine
APPLICANT: Fuchs, Georg
TITLE OF INVENTION: Phenol-induced Proteins
FILE REFERENCE: BC1006 US NA
CURRENT APPLICATION NUMBER: US/09/516,914
CURRENT FILING DATE: 2000-03-01
EARLIER APPLICATION NUMBER: 60/112,952
EARLIER FILING DATE: 1999-03-05
                                                                                                                         NUMBER OF SEQ ID NOS:
SOFTWARE: Microsoft Of
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                                                    TYPE: DNA ORGANISM: Primer
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REGISTA NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US 08/912,272
FILING DATE: 15-AUG-1997
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TYPE: nucleic acid
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                                                                                                                          Office 97
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 0.9%; Score 13.2;
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; Pred. No. 3.5e
0; Mismatches
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Length 18;
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RESULT 507
US-08-679-645-563/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-648-312-28
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                                                                                                                                                                                                                                                                                                          APPLICANT: Sorge, Joseph
TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid Using
TITLE OF INVENTION: Probe Comprising Secondary Structure
FILE REFERENCE: 25436/1140
CURRENT APPLICATION NUMBER: US/09/686,179A
CURRENT FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 04990.0049
CURRENT APPLICATION NUMBER: US/09/648,312
CURRENT FILING DATE: 2000-08-25
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 28
LENGTH: 18
                                                                                                                                                            Query Match
Best Local Similarity
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APPLICANT: Head, Steven R.
APPLICANT: Goelet, Philip
APPLICANT: Karn, Jonathan
APPLICANT: Karn, Jonathan
APPLICANT: Boyce-Jacino, Michael
TITLE OF INVENTION: De No. 63371880 or "Universal" Sequencing Array
                                                                                                                                           Matches
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Matches 15; Conservative
                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: synthetic oligonucleotide fragment of cleaved template
                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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Local Similarity 83.3%;
hes 15; Conservative
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                                                                                                                                                            Score 13.2; DB 1;
Pred. No. 3.5e+02;
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Pred. No. 3.5e+02;
0; Mismatches 3;
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0; Mismatches 3;
                                                                                                                                             Mismatches
                                                                                                                                                                             Length 18;
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RESULT 508

US-09-637-751A-6/c

Sequence 6, Application US/09637751A Patent No. 6383754

GENERAL INFORMATION:
APPLICANT: Kaufman,
APPLICANT: Roth, Mai;
APPLICANT: Lizardi,
APPLICANT: Feng, Li

Lizardi, Feng, Li

Roth, Matthew E. Lizardi, Paul M. Kaufman, Joseph C

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                                                                                                                         US-08-679-645-563
                                                               Matches
                                                                            Query Match
Best Local :
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Patent No. 635093
                                                                                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/67
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF
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ADDRESSEE: Lyon & Ly
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                                                                                                                                                   LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                           TOPOLOGY:
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                              387 GCGCTCTGGGCCGAAGGC 404
18 GCGCGCTGGTCCGAATGC
                                                                            Similarity
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                                                                                                                                                                                                                                                  (213) 955-0440
                                                             Conservative
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Edington, Brent E.
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                                                                        0.98,
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                                                                            Score 13.2; DB 1:
Pred. No. 3.5e+02
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                                                             Mismatches
                                                                                          DB 1;
                                                                                         Length 18;
                                                           0;
                                                           Gaps
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/0121
PRIOR FILING DATE: 1992-05-22
PRIOR PRIOR PLING DATE: 1991-05-22
PRIOR PRIOR PLING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR PLING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 987/91
PRIOR APPLICATION NUMBER: 510/92
PRIOR PILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOPTWARE: PATENTIN VET: 2.1
SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-275-951-32/c
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TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6383754
Query Match 0.9%; Score 13.2; DB 1; Best Local Similarity 83.3%; Pred. No. 3.5e+02; Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matchea
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CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Ducholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-09-637-751A-6
                                                                                                                      OTHER INFORMATION: Lysine, Amino Hexanoic Acid, OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                               NAME/KEY: misc_feature LOCATION: (9)..(10) OTHER INFORMATION: Lys:
                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                    FEATURE:
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(larity 83.3%;
Conservative
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Pred. No. 3.5e+02;
0; Mismatches 3;
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; OTHER INFORMATION: SYNTHETIC DNA US-09-725-265-17
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US-09-422-978-7402
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APPLICANT: KOYAMA, OSAMU

APPLICANT: FURUSHO, KENTA

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLI

TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATI

TITLE OF INVENTION: THE METHOD

PILE REFERENCE: 19995JUSOXDIV

CURRENT APPLICATION NUMBER: US/09/725,265

CURRENT FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: US 09/556,127

PRIOR APPLICATION NUMBER: JP 1999-111601

PRIOR APPLICATION NUMBER: JP 1999-111601

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEQ ID NOS: 70

SOPTWARE: Patentin version 3.1
                                                                                                           APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

PILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7402
                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7402, Appropriate No. 653775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: KURANE
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ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
                                                                                                    LENGTH: 18
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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Pred. No. 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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.5e+02;
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RESULT 513
US-09-679-298A-25/c
; Sequence 25, Application US/09679298A
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US-09-459-065-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: upstream amplification primer 99-4285 for SEQ 3468, US-09-422-978-7402
                                                                                                                             Query Match
Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Applic Patent No. 6562949
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                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Spriggs, Mel.
TITLE OF INVENTION: VIR.
TITLE OF INVENTION: REC
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                      FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 26
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                        ANTI-SENSE:
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CITY: Seattle
STATE: WA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS/Windows 95
SOFTWARE: Word for Windows 95, 7.0a
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les 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Henry, Janis C
REGISTRATION NUMBER: 34,347
                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NDDRESSEE: Janis C. Henry STREET: 51 University St.
                                                                                                                                                                                                                                                                                                                                                               ENGTH:
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                                                                                                             656 GCCGGCCTCAGACTCACC 673
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                                                                                  GCGGGACTCAGAGTCACC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09459065
                                                                                                                                                                                                                                                                                                                                                                18 base pairs
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                                                                                                                                                                                                                                                                                                                   linear
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NO
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VIRAL ENCODED SEMAPHORIN PROTEIN
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Pred. No. 3.5e-
0; Mismatches
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Pred. No. 3.5e+02;
0; Mismatches 3
                                                                                                                                                          3.5e+02;
                                                                                                                                                                          DB 1;
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                                                                                                                                                                          Length 18;
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US-09-556-127-17/c
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                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: synthetic oligonucleotide fragment US-09-981-621-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09981621
Patent No. 6589743
GENERAL INFORMATION:
                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                             Sequence 17, Application US/09556127 Patent No. 6699661
                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
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SEQ ID NO 25
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
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      APPLICANT:
TITLE OF IN
TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sorge, Joseph
TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid TITLE OF INVENTION: Probe Comprising Secondary Structure
FILE REFERENCE: 25436/1140
CURRENT APPLICATION NUMBER: US/09/981,621
CURRENT FILING DATE: 2001-10-17
PRIOR FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
                                                                  APPLICANT:
                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/679,298A CURRENT FILING DATE: 2001-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION FILE REFERENCE: RTS-0045
                                                                                                                               APPLICANT: KURANE,
                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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15; Conserv
      INVENTION: METHOD FOR DETERMINING A INVENTION: NUCLEIC ACID PROBES FOR
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                                KANAGÁWA, TAKAHIRO
KAWAGATA, YOICHI
YAWADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
KOYAMA, OSAMU
FURUSHO, KENTA
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Pred. No. 3.5e
0; Mismatches
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Pred. No. 3
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3.5e+02;
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      CONCENTRATION OF TARGET NUCLEIC ACID THE METHOD, AND METHOD FOR ANALYZING
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TITLE OF INVENTION: THE METHOD

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US-09-994-311-6/c
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                                                                                                         GENERAL INFORMATION:
APPLICANT: Kaufman, Joseph C.
APPLICANT: Kaufman, Joseph C.
APPLICANT: Hzardi, Paul M.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Feng, Li
APPLICANT: Batimer, Darin R.
APPLICANT: Bat
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FILE REFERENCE: 089491/0201
CURRENT APPLICATION NUMBER: US/09/816,248
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PACENTIN Ver. 2.1
SEQ ID NO 22
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/09994311
Patent No. 6773886
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APPLICANT: BAUMANN, PETER
APPLICANT: CECH, THOMAS R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local :
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CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
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TYPE: DN: ARTIFICIAL SEQUENCE
PEATURE:
FEATURE:
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Pred. No. 3.5e+02;
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RESULT 518
PCT-US96-01473-4/c
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                                                                                                                                  PCT-US96-01473-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application PC/TUS9601473 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 6
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                                                                  Matches
                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                  TELEFAX: (215) 563-404
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                TOPOLOGY: not remoteCULE TYPE: other HYPOTHETICAL: YES ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                  REGISTRATION NUMBERS OF SECONMUNICATION: TELECOMMUNICATION INFORMATION: TELEPAX: (215) 563-4104
TELEPAX: (215) 563-4044
TELEPAX: FOR SEO ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US96/0147 FILING DATE: 29-JAN-1996 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: University of Nebraska, Board of Regents APPLICANT: Gold, Barry I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1601 Market
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 19103-2307
                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                               1520 ААААААААААААСТАААА 1537
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18 AAAGAAAAAAAAAGA 1
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Similarity 83.3%;
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1601 Market Street Suite 720
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                                                                  Conservative
                                                                                                                                                                                                 not relevant
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                   other nucleic acid
                                                                                0.9%;
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                                                             Score 13.2; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 3
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Pred. No. 3.5e+02;
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                                                                  Indels
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US-09-345-882-105/c
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TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REPERENCE: GENSET.031A
CURRENT APPLICATION NUMBER: US/09/345,882
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-06-30
PRIOR PPLICATION NUMBER: US 60/111,909
PRIOR PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 105
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Best Local Similarity
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LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
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                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/912,900
FILING DATE: 1920713
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                         CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tanaka, Yoshikazu
APPLICANT: Lester, Diane R.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 19
                TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Holton, Timothy A. APPLICANT: Cornish, Edwina C. APPLICANT: Kovacic, Filippa
                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza CITY: Garden City STATE: New York
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83.3%;
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Pred. No. 3.7e+02;
0; Mismatches 3;
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TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-285-309-20
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                                                      Best Loc
Matches
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                                                                                 Query Match
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO, Frank S.
REGISTRATION UNMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-TITLE OF INVENTION: HYDROXYLASE AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                   Local
                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 03-AUC CLASSIFICATION: 80
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                                                                                                                                                                                LENGTH:
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                          1246 TCTTTGTTTTTTTTA 1263
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al Similarity 83.3%;
15; Conservation
1 TTTTTTTTTTTTTTTA 18
                                                                  Similarity
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1: 400 Garden City Plaza
Garden City
: New York
RY: U.S.A.
                                                                                                                                                                nucleic acid
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                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tanaka,
                                                                                                                                                                                                                                                                                                                                                       03-AUG-1994
                                                                                                                          DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                          Floppy disk
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                                                      0.9%; Score 13.2; DB 1
83.3%; Pred. No. 3.8e+02
tive 0; Mismatches
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Pred. No. 3
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                                                                                 DB 1;
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US-08-502-046-20
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US-08-313-075A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: AU PL 1538/92
PILING DATE: 27-MAR-1992
PRIOR APPLICATION NUMBER: AU PL 6698/93
PRIOR APPLICATION NUMBER: AU PL 6698/93
PILING DATE: 07-JAN-1993
PRIOR APPLICATION NUMBER: AU PCT/AU93/001
PILING DATE: 25-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                        Query Match
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atent No. 5639870
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 9433
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, VGURENT APPLICATION DATA:
APPLICATION US/08/313,075A
APPLICATION NUMBER: US/08/313,075A
FILING DATE: 30-NOV-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                APPLICANT: Holton, Timothy A. APPLICANT: Cornish, Edwins C. APPLICANT: Kovacic, Filippa
                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
-313-075A-11
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                                                                                                                                                                                                                                                                                                                     Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                                                                 1246 TCTTTGTTTTGTTTTTA 1263
                                                                                                                        20, Application US/08502046
5. 5861487
                                                                                                      INFORMATION:
                                                                                                                                                                                                                                                                                                   0.9%;
1 Similarity 83.3%;
15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
                                                                                                                                                                                                                                TTTTTTTTTTTTTTTA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 base pairs
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                               Tanaka, Yoshikazu
                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                          single
GENETIC SEQUENCES ENCODING A 3,5'-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AU PCT/AU93/00127
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; Pred. No. 3.8e
0; Mismatches
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US-08-482-918-34
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 34,
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,046
FILING DATE: 14-JUL-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/285,309
FILING DATE: 03-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                             ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                               APPLICANT: Suggs, Sammer, APPLICANT: Martin, Francis H.
APPLICANT: Martin, Francis H.
APPLICANT: Martin, Francis H.
APPLICANT: Stem Cell Factor
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STATE: New York
"Y S.A."
              CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
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TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                      STREET: 6300 :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: DiGiglio, Frank REGISTRATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                   COUNTRY: United States of America
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                                                                                                                                                                      Illinois
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                                                                                                                                                                                                        E: Marshall, O'Toole, Gerstein, Murray & 6300 Sears Tower, 233 South Wacker Drive
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                                                                                                                                                                                                                                                                                                                                 Bosselman,
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07-JUN-1995
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                                                                                                                                                                                                                                                                                                                                 Robert A.
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Pred. No. 3.8e+02
0; Mismatches
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RESULT 525
US-09-224-681-34
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/224,681
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Po
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                  FILING DATE: 01-OCT-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4-
FILING DATE: 24-MAY-1995
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APPLICATION NUMBER: 09/00
FILING DATE: 12-JAN-1998
CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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               APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                  CLASSIFICATION:
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APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Suggs, Sidney
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bosselman, Robert A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             . Krisztina M.
                               07/573,616
                                                                                                                                                                                                                                                                                         09/005,893
                                                                                                                                                                                                                  08/449,653
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Pred. No. 3.8e
0; Mismatches
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STRANDEDNESS: Sili
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-681-34
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US-08-336-728A-34
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Matches
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Patent No. 6
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Best Local Similarity
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ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                             FILING DATE: 11-JUN-
PRIOR APPLICATION DATA:
                                                       PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: 07/537,198
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STREET: 63
                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Illinois
                                                                                                                                                  FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
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                 APPLICATION NUMBER:
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DEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                        United States of America
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Suggs, Sidney V.
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16-OCT-1989
                                                11-JUN-1990
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                                                                                                                   07/573,616
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                 07/422,383
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Pred. No. 3.
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APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT PILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR APPLICATION NUMBER: 08/08,661
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US-08-275-951-49
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PRIOR APPLICATION NUMBER: PCT/E
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/9
PRIOR FILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-04-15
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ve
SEQ ID NO 49
LENGTH: 20
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APPLICANT:
APPLICANT:
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
NAME/KEY: misc_feature
LOCATION: (13)
OTHER INFORMATION: N is
NAME/KEY: misc_feature
                                                                                 PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10) . (11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   R APPLICATION NUMBER: PCT/EP92/01219
R FILING DATE: 1993-07-02
APPLICATION NUMBER: 986/91
FILING NAME : 986/91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1302 TCTATTTTTTTTTTTTC 1319
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                                                                                                                                                                                                                                                                                        PatentIn Ver.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Coull, James M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                        John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        David W
                                                                                                                                                                                                                                                                                                          1991-04-15
)S: 65
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                           Pseudoisocytosine
                                                                                                                                                                                                                                                                                                                                                                                          987/91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.2; DB 1; Pred. No. 3.8e+02; 0; Mismatches 3;
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OTHER INFORMATION: N is Pseudoiscytosine US-08-275-951-49
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US-09-635-251-34
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Patent No. 6759215
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
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Best Local Similarity 78.9%;
Matches 15; Conservative
                                                                                                                                                  INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                            APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAMB: CLOUGH, David W.
REGISTRATION NUMBER: 01017/3
REFERRENCE/DOCKET NUMBER: 01017/3
TELEPHONE: 312/474.6300
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & STREET: 6300 Sears Tower, 233 South Wacker Drive CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1244 CATCTTTGTTTTTTT 1262
                                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     R APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/635,251 FILING DATE: 07-Aug-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTTTTTTCTTTTNTTTTT 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 04-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                                                                          TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/573,616 FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Suggs, Sidney V. Martin, Francis H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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Pred. No. 3.8e+02;
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RESULT 530
US-08-725-976-2/c
; Sequence 2, Application US/08725976
; Patent No. 5929208
; GENERAL INFORMATION:
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US-08-146-504-2/c
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                                                                                                                                                                               Best Local Similarity 83.3 Matches 15; Conservative
                                                                                                                                                                                                                Query Match
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: inc.
PRIOR APPLICATION DATA: desc
APPLICATION NUMBER:
PILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Vers
SOFTWARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Heller, Michael J.; and Tu, Eugene TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND TITLE OF INVENTION: DIAGNOSTICS
                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                              STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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FILING DATE: No. 5605662ember 1, 1993
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                                                                                                                                                                                                                                                                                                             LENGTH:
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                                                                                                                                                1245 ATCTTTGTTTTGTTTTT 1262
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o. 5605662
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611 West Sixth Street
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linear
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Pred. No. 3.
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Pred. No. 4e+02;
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Patent No. 6017696
GENERAL INFORMATION:
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Best Local S
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CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION 1 422
PRIOR APPLICATION DATA: including appliprior APPLICATION DATA: described below APPLICATION DATA: 08/146,504
APPLICATION UNMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993
ATTORNERY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 489-1
TELEFAX: (213) 955-044
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 22:
TELECOMMUNICATION: INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                         APPLICANT: RONALD G. SOSNOWSKI
TITLE OF INVENTION: SELF-ADDRESSABLE
TITLE OF INVENTION: SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSI
TITLE OF INVENTION: AND DIAGNOSTICS
                                                                                                                                                                                                                                                                                                  APPLICANT: Michael APPLICANT: Eugene
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TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
COMPUTER READABLE FORM:
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STATE: California
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STREET: 633 West Fifth Street
                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                               COUNTRY:
                                                                                                      ADDRESSEE:
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o. 6017696
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                    9007
                                                   Los Angeles
California
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                                                                                       633 West Fifth
                                  USA
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(213) 955-04-1
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                                                                                                                                                                                                                                                                                   Glen A.
                                                                                                                                                                                                                                                                                                    Eugene Tu
                                                                                                      Lyon & Lyon
                                                                                                                                                                                                                                                                                   Evans
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                                                                                                                                                                             MOLECULAR BIOLOGICAL ANALYSIS
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                                                                                       Street
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Pred. No. 4
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MEDIUM TYPE:

3.5" Diskette, 1.44 Mb

IBM Compatible

storage

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| SEQ ID NO 2
| LENGTH: 21
| TYPE: DNA
| ORGANISM: Artificial Sequence
| FEATURE:
| OTHER INFORMATION: Description of Artificial Sequence: Sequences for
| OTHER INFORMATION: Labeling
| US-08-726-278-2
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US-08-726-278-2/c
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/08726278 Patent No. 6238624 GENERAL INFORMATION:
                                                                                 Query Match
Best Local Similarity
                                                                     Matches
                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR FILING DATE: 1994-07-07
                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin Ve
                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Heller, Michael J.
APPLICANT: Tu, Eugene
APPLICANT: Evans, Glen A.
APPLICANT: Sosnowski, Ronald
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696ember 1,
ATTORNEY/AGENT INFORMATION:
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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CURRENT APPLICATION DATA:
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TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Murphy, David B.
REGISTRATION NUMBER: 31,1
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM:
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21
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                     ATCTTTGTTTTGTTTTTT 1262
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Sosnowski, Ronald G.
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                                                                     Conservative
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WordPerfect (Version 5.1)
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Pred. No. 4e+02;
D; Mismatches 3;
                                                                                 Score 13.2; DB 1;
Pred. No. 4e+02;
                                                                     Mismatches
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APPLICANT: MUXAI, HINOYUKI
APPLICANT: ASADA, KIYOZO
APPLICANT: HINO, FUMITSUGU
APPLICANT: KATO, IKUNOSHIN
TITLE OF INVENTION: CANCER-ASSOCIATED GENES
FILE REFERENCE: 1422-388;
CURRENT APPLICATION NUMBER: US/09/377,497
CURRENT FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: any n or Xaa = unknown
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US-08-332-838-3/c
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TELEPHONE: (415) 781-19
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Application US/08332838 Patent No. 5529916 GENERAL INFORMATION:
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Best Local Similarity 100.0%; F
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,838
FILING DATE: 01-NOV-1994
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                 NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-(
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cormack, Brendan P. APPLICANT: Falkow, Stanley
                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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94111-4187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Flehr, Hohbach, Test, Albritton & Herbert, Attn: R.M. Silva
                                                                            398-3249
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Pred. No.
                                                                                                                                                                                                                                                                                            Version
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hes 0;
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
SEQ ID NO 7
SEQ ID NO 7
                                                 ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-7
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US-08-832-021-7/c
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/08832021 Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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Patent No. 6045998
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               Query Match
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Best Local Similarity
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                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
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mes 13; Conserva
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100.0%; Pre
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100.0%; Pred. No.
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Pred. No.
Score 13;
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DB 1;
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US-08-724-466B-16/c
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APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6063606
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 16, Application US/08724466B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 14
                                                                                                                                      APPLICATION NUMBER: US/08/724,466B FILING DATE: October 1, 1996 PRIOR APPLICATION DATA:
                                                                                                                                                                                         COMPOUTER: COMPAQ, IBM PC compatible OPERATING SYSTEM: MS-DOS 5.1 SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA:
                                                                                 APPLICATION NUMBER: 08/6
FILING DATE: June 21, 19
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Peckovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein NUMBER OF SEQUENCES: 30
TELECOMMUNICATION INFORMATION: TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                  REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
                                                                                                                                                                                                                                                                                                                                 CITY:
                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                    ZIP: M5L 1A9
COUNTRY: Canada
                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1519 TAAAAAAAAAAA 1531
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        l Similarity 100.0%;
13; Conservative 0;
                                                                                                                                                                                                                                                                                                                                      Toronto
                                                                                                                                                                                                                                                                                                                                                     E: Blake, Cassels
Box 25, Commerce
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                                                                      John C.
                                                                                                                                                                                                                                                                                                                                                       Cassels & Graydon
ommerce Court West
                                                                                                                      08/667,546
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                                                                                                                                                                                                                                                                 3 1/2 inch, 1.4 Mb storage
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US-08-724-466B-18/c
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               Sequence 19, Application US/08724466B Patent No. 6063606 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPACTION IM PC compatible COMPACTION MS-DOS 5.1 SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION UMBER: US/08/724,466B FILING DATE: October 1, 1996 PRIOR APPLICATION UMBER: 08/667,546 FILING DATE: June 21, 1996 AFTORMEY/AGENT INFORMATION: NAME: Hunt, John C. RECISTRATION NUMBER: 50767/00004 REFERENCE/DOCKET NUMBER: 50767/00004 TELECOMMUNICATION INFORMATION: TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                            Best Local Similarity
Matches 13; Conserv
                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (416) 863-2653
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: Canada
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKette, 3 1/2 inch, 1.4 Mb storage
COMPUTER: COMPAQ, IBM PC compatible
COMPUTER: GYSTEM: MS-DOS 5.1
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon
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0.9%; Score 13; DB 1;
Local Similarity 100.0%; Pred. No. 3e+02;
hes 13; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
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STRANDEDNESS: single
TOPOLOGY: linear
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Petkovich,
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100.0%; Pred. No.
P. Martin, White, Jay A.,
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3e+02;
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CURRENT APPLICATION NUMBER: US/08/893,764
FILING DATE: (Herewith)
CLASSIFICATION: 515
ATTORNEY/ACTANT
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Best Local Similarity
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PRIOR APPLICATION NUMBER: 08/667,546
FILING DATE: JUNE 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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APPLICANT: 1
APPLICANT: 1
APPLICANT: (
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LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                         APPLICANT: Ostermann, Elinborg
TITLE OF INVENTION: Tumor Growth Inhibition- and Apoptosis-Associated
TITLE OF INVENTION: Genes and Methods of Use Thereof
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
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ZIP: M5L 1A9
ZIP: Canada
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                                                                                                                                                                                                       STATE: D.C.
                                                                                                                                                                                                                   STREET: 1100 New CITY: Washington
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OPERATING SYSTEM:
                                                                                                                                                                                                                                       ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
STREET: 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/724,466B
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Prokhorchouk,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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Commerce Court West
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, IBM PC compatible
MS-DOS 5.1
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3e+02;
hes 0; Indels
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RESULT 542
US-08-991-789A-130/c
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                                                                                                                                       US-08-991-789A-130
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TELEPAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
LENGTH: 1-7-7-2 acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6225054
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony N.
                                                            Matches
                                                                                                  Query Match
                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 130,
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TELECOMMUNICATION INFORMATION:
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Local Similarity 100.0%; Pu
hes 13; Conservative 0;
                                                          Local Similarity
nes 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: FlOppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  NAME: POTTER, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE DOCKET NUMBER: 210121.419C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (266) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/991,789A
FILING DATE: 11-Dec-1997
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REELLAND JOHN M.
Smith, John M.
Reed, Steven G.
Reed, Steven G.
RITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 130:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 292 CORRESPONDENCE ADDRESS:
1519 TAAAAAAAAAAA 1531
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Washington COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Seed IP Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
                                                                                                                                                                                                                                                                                                        TELEFAX: (206)
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                                                            Conservative
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                                                                             0.9%; Score 13; DB 1; Length 14; 100.0%; Pred. No. 3e+02;
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                                                            Mismatches
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3e+02;
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US-08-882-164D-16/c
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                                                                                                                                                                                                                                                              Sequence 18, Application US/08882164D Patent No. 6306624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local :
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Patent No. 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Petkovich, P. Martin, White, Jay A.,
APPLICANT: Beckett, Barbara R., Jones, Glenville
APPLICANT: Beckett, Barbara R., Jones, Glenville
TITLE OF INVENTION: Retinoid Metabolizing Protein
                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Petkovich, P. Martin, White, Jay A.,
APPLICANT: Beckett, Barbara R., Jones, Glenville
TITLE OF INVENTION: Retinoid Metabolizing Protein
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
TELEFAX: (416) 863-2653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, :
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels
STREET: Box 25, Commerce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon
STREET: Box 25, Commerce Court West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Box 25
CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
                      COUNTRY: Canada
ZIP: M5L 1A9
                                                          CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                h 0.9%; Score 13; DB 1; Length 14;
Similarity 100.0%; Pred. No. 3e+02;
13; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         H: 14 base pairs
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                                                                                                  Cassels & Graydon ommerce Court West
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0; Gaps

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US-08-882-164D-19/c
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Best Local Similarity 100.0%;
Marches 13; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19, Application US/08882164D Patent No. 6306624
                 COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4

COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/882,164D
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (416) 863-26
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/
PILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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NAME: Hunt, John C.

REGISTRATION NUMBER: 36,424

REFERENCE/DOCKET NUMBER: 50767/00010

TELECOMMUNICATION INFORMATION:

TELEPHONE: (416) 863-4344

TELEPAX: (416) 863-2653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Box 25,
CITY: Toronto
STATE: Ontario
TELEPHONE: (416)
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FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
SOFTWARE: WORD PI
                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: Canada ZIP: M5L 1A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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COMPUTER: CO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Diskette, 3 1/2 inch, COMPAQ, IBM PC compatibl SYSTEM: MS-DOS 5.1
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100.0%; Pred. No.
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                                                                    50767/00010
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RESULT 547
US-09-598-326-130/c
Sequence 130, Application US/09598326
FORTH NO. 6423496
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony N.
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Matches
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                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 2101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURENT APPLICATION DATA:
APPLICATION UMBER: U$/09/062,451
FILING DATE: 04-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Frudakis, Tony APPLICANT: Smith, John M. APPLICANT: Reed, Steven G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                                                                                                                                                                                                                                 14 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14 base pairs
                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                  0.9%; Score 13;
100.0%; Pred. No.
tive 0; Mismatch
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tive 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.9%; Score 13;
100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 210121.419C2
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                                                                                                                                                                                                                                      DB 1; Length 14; 3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1; Length 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3e+02;
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SEQUENCE DESCRIPTION: SEQ ID NO: US-09-598-326-130
                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-370-838-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-370-838-47/c
Query Match
Best Local Similarity
"~+~hes 13; Conserva
                                                                                                                                                                                        EARLIER FILING DATE: 1999-04-02
NUMBER OF SEQ ID NOS: 289
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 47, Application US/09370838 Patent No. 6444425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           APPLICANT: Reed, Steven G.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: Mohamath, Roadoh
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.475C1
CURRENT APPLICATION NUMBER: US/09/370,838
CURRENT FILING DATE: 1999-08-09
CURRENT APPLICATION NUMBER: US 09/285,323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 130: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                        ENGTH:
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es 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/598,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: POTTER, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE, DOCKET NUMBER: 210
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 247 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1519 ТАЛАЛАЛАЛАЛА 1531
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 20-Jun-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (206) 622-4900 TELEFAX: (206) 682-6031
                    0.9%; Score 13; DB ilarity 100.0%; Pred. No. 3e-Conservative 0; Mismatches
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100.0%; Pred. No. 3e+02;
n. Mismatches 0;
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                 DB 1; Length 14;
3e+02;
hes 0; Indels
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; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-09-151-771B-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/
CURRENT FILING DATE: 1998-09-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 14
TYPE: DNA
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US-09-289-198-130/c
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                      ; OTHER INFORMATION: Primer US-09-289-198-130
                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/289,198
CURRENT FILING DATE: 1999-04-09
CURRENT FILING DATE: 1999-04-17
EARLIER APPLICATION NUMBER: US 09/062,451
EARLIER FILING DATE: 1998-04-17
EARLIER FILING DATE: 1997-12-11
EARLIER APPLICATION NUMBER: US 08/931,762
EARLIER APPLICATION NUMBER: US 08/838,762
EARLIER APPLICATION NUMBER: US 08/838,762
EARLIER APPLICATION NUMBER: PCT/US97/00485
EARLIER FILING DATE: 1997-01-10
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Best Local S
                                                                                                       NUMBER OF SEQ ID NOS: 312
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 14
TYPE: DNA
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Patent No. 65862
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lehar, et al., Sophie M.
TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE
FILE REFERENCE: 104322.170DIV
                                                                                                                                                                                                                 EARLIER APPLICATION NUMBER: US 08/700,014
EARLIER FILING DATE: 1996-08-20
EARLIER PELICATION NUMBER: US 08/585,392
EARLIER FILING DATE: 1996-01-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAS: FILE REFERENCE: 210121.419C5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Reed, Steven G. APPLICANT: Misher, Lynda
                                                              ORGANISM: Artificial Sequence FEATURE:
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Pred. No.
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GENERAL INFORMATION:
APPLICANT: SALMAN AL-MAHMOOD
ITITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INV
ITITLE OF INVENTION: REGULATION OF ANGIGENESIS, STUDY OF
ITITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
ITITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
ITITLE OF INVENTION: UNMBER: US/10/103,614A
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: PCT/FR00/02607
PRIOR APPLICATION NUMBER: PCT/FR00/02607
PRIOR APPLICATION NUMBER: FR 99/11790
PRIOR FILING DATE: 1999-09-21
PRIOR FILING DATE: 1999-09-21
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CURRENT APPLICATION NUMBER: US/09/429,755A
CURRENT FILING DATE: 1999-10-28
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FASCSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-429-755-130
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US-09-429-755-130/c
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Best Local Similarity 100.0%;
Matches 13; Conservative (
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Best Local Similarity
Matches 13; Conserv
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
  Best Local Similarity
                      Query Match
                                                            OTHER INFORMATION: Description of Artificial Sequence: Primer -10-103-614A-2
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                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                            ENGTH: 14
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Retter, Marc W.
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Reed, Steven G.
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100.0%; Pred. No. 3e+02;
ative 0; Mismatches
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  100.0%;
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L00.0%; Pred. No. 3e+02;
0.9%; Score 13;
L00.0%; Pred. No.
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  DB 1;
3e+02;
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1519 TAAAAAAAAAAAA 1531

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Georgiev, Georgii

APPLICANT: Kiselev, Sergei

APPLICANT: Prokhorchouk, Egor

APPLICANT: Prokhorchouk, Egor

APPLICANT: Ostermann, Elinborg

ITILE OF INVENTION: Tumor Growth Inhibition- and Apoptosis-Associated Gene

ITILE OF INVENTION: and Polypeptides and Methods of Use Thereof

FILE REFERENCE: 0652.1630001

CURRENT APPLICATION NUMBER: US/09/462,625

CURRENT FILING DATE: 2000-07-28

PRIOR APPLICATION NUMBER: US 08/893,764

PRIOR FILING DATE: 1998-07-10

NUMBER OF SEQ ID NOS: 24

CONTRADE: DESCRIPTION SECONDARY OF SEQ ID NOS: 24

CONTRADE: DESCRIPTION SECONDARY OF SECONDARY
                                                                                                                                                                                     APPLICANT: LOGE, Michael J.
APPLICANT: Modemath, Raddoh
APPLICANT: Mohamath, Raddoh
APPLICANT: Henderson, Robert A.
APPLICANT: Benson, Darin R.
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LI
FILE REFERENCE: 210121.475C10
CURRENT APPLICATION NUMBER: US/09/854,133
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 735
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 47
LENGTH: 14
TYPE: DNA
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                                                                                                                                    ; ORGANISM: Homo sapien US-09-854-133-47
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Query Match
Best Local S
Matches 13
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Best Local
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                  Similarity
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0.9%; Score 13; DB llarity 100.0%; Pred. No. 3e Conservative 0; Mismatches
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100.0%; Pred. No.
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                                  DB 1;
3e+02;
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3e+02;
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US-08-832-021-31/c
US-08-832-021-31/c
; Sequence 31, Application US/08832021
; Patent No. 6045998
                                                                                                                                                                                                                                                                     ; TYPE: DNA
, ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-30
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US-08-832-021-30/c
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US-08-832-021-29/c
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Best Local Similarity 100.0%; F
Matches 13; Conservative 0;
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
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FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PETENTIN VET. 2.0
SEQ ID NO 29
LENGTH: 15
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 30
LENGTH: 15
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Patent No. 6045998
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
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TAAAAAAAAAAAA 1
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100.0%; Pred. No. 3.2e+02;
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100.0%; Pred. No. 3.2
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thes 0;
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 41
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-08-832-021-41/c
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            APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
                                                                                                    Patent No. 6045998
GENERAL INFORMATION:
                                                                                                                     Sequence 42, Application US/08832021
Patent No. 6045998
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity
Matches 13; Conserv
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 31
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APPLICANT: Paridinas, J.
APPLICANT: Paridino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
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APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
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OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
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100.0%; Pr
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; Pred. No.
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT FILMO DATE: 1997-04-02
CURRENT FILMO DATE: 1997-04-02
CURRENT FILMO DATE: 1997-04-02
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 53
LENGTH: 15
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APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Pardinas, J.

APPLICANT: Pardinas, S.

APPLICANT: Prouty, S.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 43

LENGTH: 15
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 42
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                        US-08-832-021-53/c
Sequence 53, Application US/08832021
Patent No. 604598
GENERAL INFORMATION:
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; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-43
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Best Local :
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Best Local Similarity
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ORGANISM: Artificial Sequence
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100.0%; Pred. No. 3.2e+02;
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100.0%; Pred. No. 3.2e+02
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 54
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-53
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US-08-832-021-54/c
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                                US-08-832-021-55
                                                                                                                                                                                                                                                                                                                                                                  US-08-832-021-55/c
                                                                                          CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 55
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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Best Local Similarity
Matches 13; Conserv
                                                                                                                                                                                                                                                                                                                                  Sequence 55, Application US/08832021 Patent No. 6045998
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Best Local (
 Query Match
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                                                                                                                                                                                                       APPLICANT: Combates, N.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
PILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                         FEATURE:
OTHER INFORMATION: Description
                                                                           ORGANISM: Artificial Sequence
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o. 6045998
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 0.9%;
 Score 13;
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Pred. No.
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                                              Artificial Sequence:
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Length 15;
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GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Wren, Jonathan D.

APPLICANT: Minna, John D.

TITLE OF INVENTION: Polymorphic Repeats in Human Genes

FILE REFERENCE: UTSD0667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 164

LENGTH: 15
RESULT 566
US-09-050-159-45/c
; Sequence 45, Application US/09050159A
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                                                                                                                                                                                                                                               ; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-491-356C-19
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; ORGANISM: human
US-09-475-947A-164
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US-09-475-947A-164
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SEQ ID NO 19
LENGTH: 15
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GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Gelisi, Lynn
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
                                                                                                                                                                   Query Match 0.9%; Score 13; Best Local Similarity 100.0%; Pred. No. Matches 13; Conservative 0; Mismatc
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 9465.6USI1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
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                                                                                                                                                                       3.2e+02;
hes 0;
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                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-050-159-51
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                                                                                                                                      RESULT 568
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                                                        Sequence 63, Application US/09300958A Patent No. 6495319
GENERAL INFORMATION:
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GENERAL INFORMATION:
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   APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEO ID NOS: 133
SOFTWARE: Patentin Ver: 2.1
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APPLICANT: Linstrom, Per H
TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: No. 6197505berg, Leif T
APPLICANT: Andersson, Maria K
APPLICANT: Linstrom, Per H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
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APPLICANT: Andersson, Maria K
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 McClelland, Michael
Welsh, John
Trenkle, Thomas
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, 100.0%; Pr
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100.0%; Pred. No. 3.7e+
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Pred. No.
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-314
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CURRENT FILING DATE: 199-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR APPLICATION NUMBER: 60/18,624
PRIOR FILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 85
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LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 314
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Best Local Similarity
                                                                                                Matches
                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
FRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Beigelman, Leo APPLICANT: Burgin, Alex APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                             469 GGGGCGCCGGCT 481
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13; Conserv
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                                                                                           Conservative
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P-PH 3457
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100.0%; Pred. No. 3.7
lve 0; Mismatches
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o. 3.7e+02;
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RESULT 570

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TITLE OF INVENTION: Methods and Products Related to TITLE OF INVENTION: Genotyping and DNA Analysis FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION UNMER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOSTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 122
LENGTH: 17
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                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-122
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US-09-404-912-122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: RNA; Homo sapiens US-09-476-387-313
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                                       Matches
                                                                             Query Match
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotific Reference: Medheou  
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR PILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 06/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/084,866
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.0
                                                        Match 0.9%;
Local Similarity 100.0%;
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  994 TGTTCTGTGGAGA 1006
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5. 6617438
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                                       13; Conservative
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Beaudry, Amber
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100.0%; Pred. No.
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                                                            Score 13; pred. No.
                                     Mismatches
                                                            3.7e+02;
                                                                             DB 1;
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FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
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                                                                           Matches
                                                                                                              Query Match
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
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SOFTWARE: ASCII
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Trucco, Massimo TITLE OF INVENTION: Polymer TITLE OF INVENTION: As The TITLE OF INVENTION: Dot Blo
                                                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 277871
                                                                                                                                                              PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                      AUTHORS:
TITLE: E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                        AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
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: HLA 1991
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As The Bound Ligands For Use In Reverse
Dot Blots
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100.0%; Pred. No. 3.9
Live 0; Mismatches
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                                                                                                            DB 1; Length 18;
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RESULT 573

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Best Local (
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APPLICANT: McCell
                                                                                                                                                                                        APPLICANT: McCelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: ARBITRARILY PRIMED
TITLE OF INVENTION: POLYMERASE CHAIN
TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
NIMBER OF INVENTION: GENOMES
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Halle Ph.D. Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07:
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MOLECULE TYPE:
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TELEPHONE: 619/678-5070
TELEPAX: 619/678-5099
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC
TITLE OF INVENTION: CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                        STREET: 2001
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/497,535
FILING DATE: 30-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Fish & Richardson P.C. STREET: 4225 Executive Square, Suite 1400
                                                                     COUNTRY:
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                                                                                                                                             ADDRESSEE:
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: CA
                                                          CA
USA
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                                                                                                                         3: Limbach and Limbach
2001 Ferry Building
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100.0%; Pred. No. 3.9e+02
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OPERATING SYSTEM: PC-DOS/MS-DOS

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APPLICANT: KURANE, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KURSTHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REPERRNCE: 19953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION N
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HYPOTHETICAL: N
ANTI-SENSE: NO
US-08-154-364-23
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US-09-725-265-43/c
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                                                                                                                                         Query Match 0.9%; Score 13; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 43, Application US/09725265
                                                                                                                                                                                                                                                                                              TYPE: DNA
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
-09-725-265-43
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INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-433-4150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Bortner, Scott R.
REGISTRATION NUMBER: 34,298
                                                                  1520 AAAAAAAAAAAA 1532
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: YAMADA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAWA, OSAMU
APPLICANT: OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR THE METHOD, AND METHOD FOR ANALYZING DATE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
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TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
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TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF 
LENGTH: 18
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-43
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLITITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATI
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-01-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 47

TENCHALLY OF TARGET NUMBER: JP 1999-111601
SOFTWARE: Patentin version 3.1
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Best Local Similarity 100.0%; F
Matches 13; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 43, Application US/09556127
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Patent No. 6492121
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APPLICANT: KANAGA
APPLICANT: KAMAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18
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KAMAGATA, YOICHI
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; OTHER INFORMATION: SYNTHETIC DNA US-09-556-127-47
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APPLICANT: KOYAMA, OSAMU

APPLICANT: KOYAMA, OSAMU

APPLICANT: FURUSHO, KENTA

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL

TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT

TITLE OF INVENTION: THE METHOD

FILE REFERENCE: 0163-0758-0X

CURRENT APPLICATION NUMBER: US/09/556,127

CURRENT FILING DATE: 2002-06-17

PRIOR APPLICATION NUMBER: JP 1999-111601

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEO ID NOS: 70

SOFTWARE: Patentin version 3.1

SEQ ID NO 47

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GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC TITLE OF INVENTION: CELLS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.9%; Score 13; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 13; Conservative 0; Mismatches 0; Indels
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APPLICANT: KANAGAWA, TAKAHII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 18
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN Release #1.0, Version #1.30
CURRENT APPLICATION DATA;
APPLICATION NUMBER: PCT/US96/06666
FILING DATE: 10-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 92037
                                      CLASSIFICATION:
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/061WO1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: DNA (genomic)
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US96-06666-19

Query Match
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
Db 2 CCCAGAATGCCAG 14

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Gaps

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Search completed: November 2, 2004, 12:46:48 Job time : 10 secs

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Minimum
Maximum
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US-10-31-780-6
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US-10-156-306-523
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US-10-1780-9940-1073
US-10-238-700-287
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US-10-186-136-518
US-10-1238-700-2676
US-10-138-674-736
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1109, App
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16, 1, App
1613, App
1614, App
1615, App
1617, App
1617
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US-10-173-817-13/c

Sequence 13, Application US/10173817

Publication No. US20030232438A1

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
ITITE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION FILE REFERENCE: RT5-0359

CURRENT APPLICATION NUMBER: US/10/173,817

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 131

SEQ ID NO 13

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

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49, Appl
49, Appl
49, Appl
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51, Appl
51, Appl
716, Appl
717, Appl
718, Appl
719, Ap
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RESULT 2 US-10-173-817-24/c

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Sequence 26, Application US/10173817

Publication No. US20030232438A1

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: SUBAN M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXP
FILE REFERENCE: RTS-0359

CURRENT APPLICATION NUMBER: US/10/173,817

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 131

SEQ ID NO 26
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CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: FEATURE: Artificial Sequence
ORGANISM: Artificial Sequence
FEATURE: SEATURE: PEATURE: PEATURE
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APPLICANT: Kenneth W. Dobie; APPLICANT: Susan M. Freier
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US-10-173-817-24
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 24
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
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; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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US-10-173-817-46/c
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CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 27
LENGTH: 20
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Matches
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Best Local :
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Publication No. US20030232438A1
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                                                                   APPLICANT: Kenneth W. Dobie APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Susan M. Freier TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION FILE REFERENCE: RTS-0359
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                             1023 GAGATTGACGCAGAGTGGGC 1042
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100.0%; Pred. No. 15;
tive 0; Mismatches
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                                                                         Score 20; DB 1; pred. No. 15;
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Pred. No.
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15;
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APPLICANT: Kenneth W. Dobie
APPLICANT: SUBAN M. Freier
ITILE OF INVENTION: ANTISENSE MODULATION OF KO)
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 95
LENGTH: 20
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Publication No. US20030232438A1

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: SUBBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KO?
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
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LENGTH: 20
TYPE: DNA
                                GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
PILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT PILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 96
LENGTH: 20
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Best Local Similarity 100.0%;
Matches 20; Conservative (
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ORGANISM: H. Bapiens
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ORGANISM: H. sapiens
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100.0%; Pred. No.
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100.0%; Pred. No. 15;
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                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide US-10-643-432-13
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US-10-643-432-13/c
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US-10-173-817-110
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US-10-173-817-110
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밁
                                                                                                                                                                                                          APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                           Sequence 13, Application US/10643432 Publication No. US20040087536A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
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LENGTH: 20
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Best Local Similarity
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                                                                                         Query Match
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APPLICANT: SuBan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
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                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                      FEATURE:
                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                    ENGTH:
                                                                            ocal Similarity 100.0%;
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o. US20030232438A1
                                                           Conservative
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100.0%; Pred. No. 15
ative 0; Mismatches
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                                                                          Score 20; DB 1; Length 20; Pred. No. 15;
                                                           Mismatches
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RESULT 12 US-10-643-432-24/c

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US-10-643-432-26/c

US-10-643-432-26/c

Sequence 26, Application US/10643432

; Publication No. US20040087536A1

; GEMERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359

; CURRENT FILING DATE: 2003-08-19

PRIOR APPLICATION NUMBER: US/10/643,432

; CURRENT FILING DATE: 2002-06-17

; PRIOR PRIOR PRIOR DATE: 2002-06-17
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PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 25
LENGTH: 20
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Publication No. US20040087536A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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100.0%; Pred. No. 15;
ative 0; Mismatches
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-643-432-46
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                                                                                                                                 APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTIGENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 46
LENGTH: 20
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APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
                                                                                                                                                                                                                                                                                                                             Sequence 46, Application US/10643432 Publication No. US20040087536A1 GENERAL INFORMATION:
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SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20
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                  Query Match
Best Local Similarity
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Similarity 100.0%; Pred. No. 15;
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15;
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CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
RESULT 19
US-10-643-432-96
US-10-643-432-96
; Sequence 96, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
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US-10-643-432-95
; Sequence 95, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 95
LENGTH: 20
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Publication No. US20040087536A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
                                                                                                                                                                                                                                                                           ORGANISM: H. sapiens FEATURE:
                                                                                                                                                                                                                                                                                                          TYPE: DNA
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100.0%; Pred. No.
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Sequence 44586, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION SUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
SOFTWARE: Microarray Probe Sequence Listing G
SOFTWARE: Microarray Probe Sequence Listing G
SEQ ID NO 44586
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LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-44586
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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APPLICANT: Kenneth W. Dobie
APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT PILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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Matches 20; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
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100.0%; Pred. No.
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100.0%; Pred. No.
                                                                                                Sequence Listing Generator V 1.1
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 0.1393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 1906

LENGTH: 20

TYPE: DNA

ORGANISM: artificial
                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1906
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US-10-098-263B-85096
RESULT 24
US-10-688-706-2451/c
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; ORGANISM: Homo sapien
US-10-098-263B-85096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1906, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 85096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 85096, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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Matches 20; Conserv
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Best Local Similarity
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Best Local
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Local Similarity 83.3%;
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Conservative
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Pred. No. 8
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Pred. No. 74;
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Pred. No. 74;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITE OF INVENTION. ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2451

LENGTH: 20
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US-10-247-159-100/c
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GENERAL INFORMATION:
APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genoryping the Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 1
TITLE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/10/247,159
CURRENT FILING DATE: 2002-09-18
                                                                                                                                                                     Sequence 100, Application US/10247159 Publication No. US20030157517A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FO
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Best Local Similarity 90.0%;
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APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 1 (UGT1) Gene
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/09/305,856B
CURRENT FILING DATE: 1990-05-05
PRIOR APPLICATION NUMBER: 60/084,807
PRIOR FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 21
TYPE: DNA
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Pred. No. 90;
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APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1541
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-247-159-100
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PRIOR FILING DATE: 1999-05-05
PRIOR PELICATION NUMBER: 60/084,807
PRIOR PILING DATE: 1998-05-07
PRIOR FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 124
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 100
LENGTH: 21
                                                                                                                                                                                                                                                                                 Sequence 1541, Application US/09864426A Publication No. US20040018489A1 GENERAL INFORMATION:
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                                    SOPTWARE: PatentIn version 3.0 SEQ ID NO 1541 LENGTH: 23
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Best Local Similarity
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                                                                                               CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
                                                                                                                                                          APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
                                                                                                                                                                                                  APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
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APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
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ORGANISM: Artificial Sequence
                   TYPE: DNA
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Local Similarity 90.0%;
nes 18; Conservative
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Pred. No. 90;
0; Mismatches
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US-09-864-636A-1544

Sequence 1544, Application US/09864636A Publication No. US20030104378A1 GENERAL INFORMATION:

APPLICANT: Third Wave Technologies APPLICANT: Allwai, Hatim APPLICANT: Bartholomay, Christian

Allwai, Hatim Bartholomay, Ch Chehak, LuAnne

APPLICANT:

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APPLICANT: Vedvik, Kevin L.

TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 1541
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1541
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US-10-084-839-1541
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                                                                               Query Match
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                                                     Matches
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APPLICANT:
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                     580 GGCGTAGGACCAATGGGGGC 599
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N
                                                   1.2%;
l Similarity 90.0%;
18; Conservative
GGCGTATGACCAATTGGGGC 21
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Olson-Munoz, Marilyn C.
Schaefer, James J.
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Curtis, Michelle L.
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Argue, Brad T.
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Hall, Jeff G.
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Kwiatkowski, Jr.,
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                                                                                                                                                                                                                                                                                                    Lisa C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Christian
                                                   Score 16.8; DB 1;
Pred. No. 1e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Robert W.
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Pred. No. 1e
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FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1544
ENORTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                     US-10-002-536A-3/c
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APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1544
LENGTH: 24
                                                                                                                                                                                                                                                     Sequence 3, Application US/10002536A Publication No. US20030108874A1 GENERAL INFORMATION:
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              PILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 24
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                                                                                                                                                APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
TITLE OF INVENTION: (MENAS) IN EUKARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Detection of RNA Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
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Local Similarity 90.0%;
hes 18; Conservative
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Pred. No. 1.
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; OTHER INFORMATION: Synthetically derived DNA US-10-331-780-6
                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/331,780
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: US/08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
PRIOR FILING DATE: 1994-05-25
PRIOR APPLICATION NUMBER: US 07/833,607
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSEQ for Windows Version 3.0
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CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/10331780 Publication No. US20030162210A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED (TITLE OF INVENTION: (MENAS) IN EUKARYOTIC ORGANISMS
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ORGANISM: Artificial Sequence
FEATURE:
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                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Similarity 90.0%;
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Pred. No. 1
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Pred. No. 1
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; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PATENTIN VERSION 3.1
; SEQ ID NO 1544
                                                                                                  US-09-785-632A-86/c

US-09-785-632A-86/c

; Sequence 86, Application US/09785632A

; Patent No. US2002006.512A1

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; CARNISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1544
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US-10-084-839-1544
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Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
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APPLICANT: Kwon, Young Do
APPLICANT: Kim, Hyun-Won
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Sun
TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
                                                                  APPLICANT: Kim, Jin-Soo
APPLICANT: Kwon, Young
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Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Argue, Brad T.
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Hall, Jeff G.
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Pred. No. 1.1e+02;
0; Mismatches 2;
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Pred. No. 1.1e+02;
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APPLICANT: Kwon, Young Do
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Sun
TITLE OF INVENTION: ZINC FINGER DOWAIN LIBRARIES
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: US/10/223,765
CURRENT FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: 60/374,355
PRIOR APPLICATION NUMBER: 60/374,355
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2001-08-17
JUMBER OF SEQ ID NOS: 305
SOFTWARE: FASTSSQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 23
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Sequence 371, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
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CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 166
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030165997A1
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APPLICANT: Bae, Kwang-Hee
APPLICANT: Park, Kyung-Soon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                    23 CGTCGACGAATTCCCGGGTCTAG 1
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82.6%;
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Pred. No. 1.1e+02;
0; Mismatches 4
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Pred. No. 1.1e+02
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APPLICANT: Broschat, Kay
APPLICANT: Broschat, Kay
ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTMARE: PatentIn version 3.2
SEQ ID NO 2293
LENGTH: 20
                                                                                                                                                                                                                                       US-09-216-393-236
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SEQ ID NO 6371
LENGTH: 19
                                                                               Sequence 236, Application US/09216393
Patent No. US20010014447A1
GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES,
FILE REFERENCE: TX.1-C2
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Best Local Similarity
Matches 17; Conser
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
CURRENT APPLICATION NUMBER: US/09/216,393
CURRENT FILING DATE: 1998-12-18
EARLIER APPLICATION NUMBER: 08/994,825
EARLIER FILING DATE: 1997-12-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo Sapiens
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Pred. No. 98;
0; Mismatches
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Pred. No. 1e+02;
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Sequence 10, Application US/09828034
Patent No. US20020064771A1
GENERAL INFORMATION:
APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Hong, Zhi
APPLICANT: Hong, Zhi
APPLICANT: Hong, Zhi
APPLICANT: HORGENIA HOV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
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; Sequence 236, Applica

; Publication No. US200

; GENERAL INFORMATION:
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                  NUMBER OF SEQ ID NOS: 366
SOFTWARE: PatentIn version 3.1
SEQ ID NO 236
LENGTH: 21
TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 236
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                                                                                                              CURRENT APPLICATION NUMBER: US/10/321,856
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 09/216,393
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
                                                                                                                                                                                                                                APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE
FILE REFERENCE: TX-1-C2-1
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial sequence
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Similarity 85.7%;
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85.7%; Pred. No. 1
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Pred. No. 1.2e+02;
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// OTHER INFORMATION: Synthetic Primer
US-10-321-856-236
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                                                                     US-10-409-968-11
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US-10-214-419-103
                                                                                                                      SEQ ID NO 11
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Best Local Similarity 85.,
18; Conservative
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TITLE OF INVENTION: CYSTEINE MUTANTS AND METHODS FOR
TITLE OF INVENTION: DETECTING LIGAND BINDING TO BIOLOGICAL MOLECULES
FILE REFERENCE: SUNESIS.003A
CURRENT FILING DATE: 2002-08-05
NUMBER OF SEQ ID NOS: 277
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 103
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/10409968 Publication No. US20040014140A1 GENERAL INFORMATION:
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                                  Query Match
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Best Local Similarity Matches 18; Conserv
                                                                                                                                                     APPLICANT: O'BRIEN, Thomas
TITLE OF INVENTION: METHODS FOR IDENTIFYING ALLOSTERIC SITES
FILE REFERENCE: 39750-0013 US
CURRENT APPLICATION NUMBER: US/10/409,968
CURRENT FILING DATE: 2003-04-08
FRIOR APPLICATION NUMBER: 60/370,938
FRIOR APPLICATION NUMBER: 60/370,938
PRIOR PILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                          -10-409-968-11
                                                                                                                                                                                                                                                                                                                                APPLICANT: SUNESIS PHARMACEUTICALS, INC.
APPLICANT: ERLANSON, Daniel A.
APPLICANT: HANGEN, Stig K.
APPLICANT: HARDY, Jeanne
                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                 LENGTH: 21
TYPE: DNA
ORGANISM: homo sapiens
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Local Similarity 85.7%;
38 18; Conservation
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 Conservative
                1.2%;
85.7%;
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Score 16.2; DB 1; Length 21; Pred. No. 1.2e+02; O; Mismatches 3; Indels
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Pred. No. 1.2e+02;
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Pred. No. 1.
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RESULT 47
US-10-251-117-247
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US-10-289-762-6233/c
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US-10-344-124-34/c
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Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
AFFLICANT: Griffais, R.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
Sequence 247, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
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PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 56
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 6233
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21
TYPE: DNA
ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                        y Match
Local Similarity 100.0%; I
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Local Similarity 85.7%;
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Pred. No.
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Pred. No. 1.2e+02
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US-10-251-117-496/c
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CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
                                                                                             Matches
                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.0 SEQ ID NO 496 LENGTH: 19
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Publication No. US20030170891A1
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Best Local (
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 247
                                                                                                                                         Query Match
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PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 10/163,552 PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                     TYPE: RNA
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                                                                                     Local Similarity hes 17; Conserv
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                                              TCTTTGTTTTGTTTTTTAA 1264
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                                                                                                                   Score 15.8; DB 1; Length 19; Pred. No. 1.3e+02;
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RESULT 49

RESULT 50 US-09-224-683-33/c

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Patent No. US20020018763A1
                                                                    Matches
                                                                                    Query Match
Best Local (
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INFORMATION FOR SEQ ID NO:
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/56
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
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APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 24-AUG-1990 PRIOR APPLICATION DATA: 07/5:
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                                                                                                                                                         MOLECULE TYPE:
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                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                   TELEPHONE: 312/474-63
                                                                                                                                                                                                                                                                                                                                                       NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/34465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/4
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                          STRANDEDNESS:
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Similarity 89.5%;
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                                                                    Conservative
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                                                                  0; Mismatches
                                                                                    Score 15.8; DB 1
Pred. No. 1.4e+02
                                                                                                         DB 1;
                                                                                                     Length 20;
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MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compactble
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,683
                                                                                                                                                TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER: 08/4-
FILING DATE: 24-MAY-1995
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FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 09/005,893
FILING DATE: 12-JAN-1998
                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION: Stem Cell Factor: Composition Claims
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                                                                  Local Similarity hes 17; Conserv
                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PILING DATE: 24-AUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
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REFERENCE/DOCKET NUMBER: 01017/35136
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                                                                  Conservative
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                                                                Score 15.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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South Wacker
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ker Drive
                                                                                               Length 20;
                                                                  Indels
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RESULT 53
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US-09-916-369A-3
                                                                                                                                                                                                                                                                SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                    Matches
                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
FRIOR APPLICATION NUMBER: US 09/627,249
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Andersson, Leif
APPLICANT: Luthman, L. Holger
APPLICANT: Luthman, L. Holger
APPLICANT: Marklund, Stefan
TITLE OF INVENTION: VARIANTS OF THE HUMAN AMP-ACTIVATED PROTEIN KINASE GAMMA 3 SUBUNIT
FILE REFERENCE: 11145-007001
CURRENT APPLICATION NUMBER: US/09/826,581
CURRENT FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectior
TITLE OF INVENTION: Chemistry
FILE REFERENCE: 10003869-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
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TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
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                                                                                                                                                      Local
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1 Similarity 89.5%;
17; Conservative
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17; Conserv
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                                                                                                                                                  1.1%;
                                                                                                                              Pred. No. 1.4e
0; Mismatches
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Pred. No. 1.4e+02;
0; Mismatches 2;
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US-09-888-326-410 ; Sequence 410, Application US/09888326 ; Publication No. US20030026801A1

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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Vee
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 20
TEXT: 20
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 410
                                                                                                       RESULT 55
US-09-776-479-243
                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
, ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243
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US-09-776-479-243
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Sequence 243, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 243, Application US/09776479 Publication No. US20030087848A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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Best Local S
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OTHER INFORMATION: Synthetic oligonucleotide
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Pred. No. 1.4e
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Pred. No. 1.
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GENERAL INFORMATION:

APPLICANT: Davis, Heather L.

APPLICANT: Schorr, Joachim

APPLICANT: Schorr, Joachim

APPLICANT: Wu, Tong

ITILE OF INVENTION: Vectors and Methods for Immunization or

ITILE OF INVENTION: Vectors and Methods for Immunization or

ITILE OF INVENTION: Vectors and Methods for Immunization or

ITILE OF INVENTION: Therapeutic Protocols

FILE REFERENCE: C1039/7057 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/965,101

CURRENT FILING DATE: 2001-09-26

PRIOR APPLICATION NUMBER: US 09/082,649

PRIOR APPLICATION NUMBER: US 60/047,233

PRIOR APPLICATION NUMBER: US 60/047,233

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR APPLICATION NUMBER: US 60/047,209
RESULT 57
US-10-112-653-235
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US-09-965-101-57
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LENGTH: 20
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LENGTH: 20
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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il Similarity 89.5%;
17; Conservation
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17; Conserv
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89.5%; Pred. No. 1
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Pred. No. 1
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                                                                                                                                                                                               8; DB 1;
1.4e+02;
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Sequence 235, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.

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Sequence 243, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
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CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
FRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 235
LENGTH: 20
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US-10-314-578-243
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US-10-017-995-243
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; OTHER INFORMATION: Synthetic Oligonucleotide US-10-112-653-235
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Best Local Similarity
Matches 17; Conserv
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LENGTH: 20
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APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR PILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FestSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic Sequence
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Local Similarity 89.5%;
108 17; Conservarium
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Pred. No. 1.4e+02;
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Pred. No. 1.4e+02;
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                                                                                           NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1917
                                                                                                                                                APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GPAT
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
                                                                                                                                                                                                                                                                                            APPLICANT: Pharmacia Corp. APPLICANT: Broschat, Kay
      ORGANISM: artificial FEATURE:
                                                TYPE: DNA
                                                                         ENGTH: 20
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RESULT 61
US-10-688-706-1917/c
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                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT PILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
NUMBER: Patentin version 3.2
SEQ ID NO 1916
Sequence 1917, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1916, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 243
LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/227,436 PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
TYPE: DNA Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                        OTHER INFORMATION: human GFAT antisense
                                                                                                                                                                                                                                                                                                            FEATURE:
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                                                                                                                                                             1248 TITGTTTTGTTTTTAATC 1266
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17; Conservative
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89.5%; Pred. No. 1.
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Pred. No. 1.4e+02;
0; Mismatches 2
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L.4e+02;
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Query Match
Best Local Similarity
watches 17; Conservi
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US-10-175-608-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetically generated primer US-10-705-137-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
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CURRENT FILING DATE: 2003-11-10
PRIOR APPLICATION NUMBER: US 09/826,581
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Andersson, Leif
APPLICANT: Luthman, L. Holger
APPLICANT: Marklund, Stefan
APPLICANT: MARKLUND, Stefan
TITLE OF INVENTION: VARIANTS OF THE HUMAN AMP-ACTIVATED PROTEIN KINASE GAMMA 3 SUBUN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 11145-007002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION NOMBER: US/10/175,608
FILING DATE: 16-Oct-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity nes 17; Conserv
                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
                                                                                                                                                                                                                                                                                           Suggs, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1251 GTTTTGTTTTTTAATCAGA 1269
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    423 AGTGGCGGCTGCGGCGCCG 441
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                                                                                                                                                     CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
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Pred. No. 1.4e+02;
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Pred. No. 1.4e+02;
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                                                           Version #1.30
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                                                                                                                                                 Sequence 189, Application US/10410031
Publication No. US20040010817A1
GENERAL INFORMATION:
APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy
APPLICANT: Schnurr, Judy
ITILE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOW-07654
CURRENT FILING DATE: 2003-04-09
INVMER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 189
LENGTH: 21
TYPE: DNA
DRGANIEM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 64
US-10-410-031-189/c
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                     Query Match 1.1%;
Best Local Similarity 89.5%;
Matches 17; Conservative
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INFORMATION FOR SEQ ID NO: 33:
                                                                                                                   OTHER INFORMATION: Synthetic
                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELEPHONE: 312/474-6300
TELEPHONE: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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STRANDEDNESS: single
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APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 09/486,546 FILING DATE: 24-MAY-1995 APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
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APPLICATION NUMBER: 07/9
FILING DATE: 25-NOV-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
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                                     Score 15.8; DB 1
Pred. No. 1.5e+02
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Pred. No. 1
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                         Mismatches
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                                                             DB 1;
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                                                       Length
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                         Gaps
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PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR FILING DATE: 2000-09-01
PRIOR FILING DATE: 1997-04-28
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR FILING DATE: 1996-11-15
PRIOR APPLICATION NUMBER: US 08/749,805
В
                                                                                                                                                              ; FEATURE: (1942336)...(1942357); LOCATION: (1942336)...(1942357); OTHER INFORMATION: Chromosome = 1 US-10-339-674-1435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo Bapiens
US-10-216-122-94
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                                                                                                                                                                                                                                                                     FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333 CURRENT APPLICATION UMBER: US/10/339,674 CURRENT FILING DATE: 2003-06-06 NUMBER OF SEQ ID NOS: 3537 SOPTWARE: Proprietary SEQ ID NO 1435 LENGTH: 22 TYPE: Date: 2003-06-06 NUMBER OF SEQ ID NO 1435 LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-339-674-1435/c
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1435, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants,
TITLE OF INVENTION: Escherichia coli K-12 MG1655 comp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/006,831
PRIOR FILING DATE: 1995-11-16
NUMBER OF SEO ID NOS: 154
SOFTWARE: Patentin version 3.1
SEO ID NO 94
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                                                                                 Matches
                                                                                                                      Query Match
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APPLICANT: DeBerardinis, Ralph
APPLICANT: DeBerardinis, Ralph
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
FILE REFERENCE: 053893-5006-03
CURRENT APPLICATION NUMBER: US/10/216,122
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kazazian, Haig H.
APPLICANT: Ostertag, Eric
APPLICANT: DeBerardinis, Ra
                                                                                                                                                                                                                                                ORGANISM: Escherichia coli K-12 MG1655 complete genome
                                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.1%;
Local Similarity 81.8%;
BB 18; Conservative
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                                                                                                       Similarity
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                                        AGTGGCGGCTGCGGCGCCGGCG 444
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                                                                                 Conservative
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                                                                                                Score 15.6;
Pred. No. 1.
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Pred. No. 1.
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                                                                                                    1.8e+02;
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                                                                                                                          DB 1;
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                                                                                                                      Length 22;
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RESULT 67

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 6
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local
Query Match
Best Local Similarity
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APPLICANT: Abarzua, Patricio
TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION
FILE REFERENCE: 13172.0021U1
CURRENT APPLICATION NUMBER: US/10/335,573
CURRENT FILLING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 6
SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                             TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 05-MAR-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hood, Leroy E. APPLICANT: Rowen, Lee APPLICANT: Koop, Ben F. TITLE OF INVENTION: DIAGN
                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                            NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                     STRANDEDNESS:
                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
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3. US20020150891A1
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                                                                                                       nucleic acid
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1.1%;
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0; Mismatches
Score 15.4; DB 1;
Pred. No. 1.4e+02;
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                Length 17;
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                                                              GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
CURRENT FILING DATE: 2001-05-03
CURRENT FILING DATE: 2001-05-03
SEQ ID NO 2125
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2125
SEQ ID NO 2125
LENGTH: 17
                                                                                                                                                                                                                                                                                                                   Sequence 2125, Application US/09848754A Publication No. US20030073207A1
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 558
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APPLICANT:
TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-2125
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MeHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
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PRIOR TILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
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APPLICATION NUMBER: 09/186,675
FILING DATE: 1998-11-04
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Beaudry, Amber
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Sweedler, Dave
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Pred. No. 1.4e+02;
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; FEATURE:
, NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2508
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 2508
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
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Matches
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APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2508, Application US/09817879 Publication No. US20030171311A1
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Best Local
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
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TYPE: RNA
ORGANISM: artificial sequence
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NAME/KEY: misc_feature
LOCATION:
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15; Conserv
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15; Conservative
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CUCGCGCGCACCGGCG 17
                                 creecececcecece 976
                                                                      Conservative
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                                                                                   1.1%;
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38.2%; Pred. No. 1.46
ive 1; Mismatches
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; Pred. No. 1.4e
0; Mismatches
                                                                     Score 15.4; DB 1;
Pred. No. 1.4e+02;
1; Mismatches 1;
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1.4e+02;
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; Sequence 1070, Application US/10287949A
Publication No. US20040102389A1
; GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE; MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1070
SEQ ID NO 1070
SEQ ID NO 1070
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                    RESULT 75
US-10-287-949A-1070/c
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; ORGANISM: Homo sapiens
US-10-163-552-985
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Publication No. US20040077565A1 
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 985 LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam APPLICANT: McSwiggen, Jim APPLICANT: Stinchcomb, Dan APPLICANT: Escobedo, Jaime
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    TITLE OF INVENTION:
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: Pavco, Pam
: McSwiggen, Jim
: Stinchcomb, Dan
: Escobedo, Jaime
INVENTION: Method and F
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Pred. No. 1.4e+02;
0; Mismatches 1;
    Reagent for the Treatment of Diseases or Conditions Vascular Endothelial Growth Factor Receptor
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APPLICANT: REHECLI, PLAGET
APPLICANT: RELIABELI, PLAGET
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF I
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: US-07/987
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US-60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US-60/337,055
PRIOR PRILING DATE: 2001-12-4
PRIOR APPLICATION NUMBER: US-60/337,055
PRIOR APPLICATION NUMBER: US-60/337,055
PRIOR APPLICATION NUMBER: US-60/337,055
PRIOR APPLICATION NUMBER: US-60/337,055
PRIOR APPLICATION NUMBER: US-60/363,124
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5101
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US-10-669-841-5101
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LENGTH: 17
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CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
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ORGANISM: Homo sapiens
                                                                                                                OTHER INFORMATION: FEATURE:
                                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                  NAME/KEY: misc_feature
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Similarity 94.1%;
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Kenneth, Draper
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Pred. No. 1.4e+02;
                                                                                                                                           of Artificial Sequence:
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US-09-933-638A-10
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 18
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LENGTH: 18
                     Query Match
Best Local :
   Matches
                                                                                                                                                                                                                           APPLICANT: Kazantsev, Aleksey G.
APPLICANT: Thompson, Leslie M.
APPLICANT: Housman, David E.
TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
FILE REFERENCE: 01997-289001
CURRENT APPLICATION NUMBER: US/09/933,638A
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR PLING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: 09/577,902
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR FILING DATE: 1999-12-14
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CURRENT APPLICATION NUMBER: US/09/878,582
CURRENT FILING DATE: 2001-06-11
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APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 51
                                                                                                                                                      TYPE: DNA
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                            OTHER INFORMATION: Synthetically generated primer
                                                                                                                 FEATURE:
                                                                                                                                 ORGANISM: Artificial Sequence
 Local Similarity hes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         633 GGGAGGTGGCGCCGCCG 649
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   Conservative
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Score 15.4; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 1;
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Pred. No. 1.5e+02;
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Pred. No. 1.
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                                     Length 18;
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                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-388-263-837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 80
US-10-388-263-837
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                      NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 837
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   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                  APPLICANT: BOTCHOTS, Alexander
APPLICANT: Vickers, Timothy A.

IITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: WODULATION BY OLICONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLICONUCLEOTIDES FOR GE
FILE REFERENCE: ISIS-4503
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Housman, David E.
APPLICANT: Preisinger, Elizabeth A.
APPLICANT: Kazantsev, Aleksey G.
TITLE OF INVENTION: METHODS OF SCREENING FOR AGENTS WHICH INHIBIT AGGREGATION
TITLE OF INVENTION: OF POLYPEPTIDES
FILE REFERENCE: 01997-261002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/194,584
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR FILING DATE: 1999-09-27
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                             TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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Freier, Susan M.
Sasmor, Henri M.
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Wyatt, Jacqueline R.
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Ohashi, Cara
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Baker, Brenda F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/10388263
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                                                                                                               Sequence
   1.1%;
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Pred. No. 1.5e
0; Mismatches
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   Score 15.4; DB 1;
Pred. No. 1.5e+02;
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Gaps

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CURRENT APPLICATION NUMBER: US/10/336,213B
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR PPLICATION NUMBER: US 09/878,582
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR FILING DATE: 2001-06-11
PRIOR PRIOR DATE: 2000-05-24
PRIOR PRILING DATE: 2000-05-24
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: PCT/US99/29594
PRIOR FILING DATE: 1999-12-14
PRIOR FILING DATE: 1999-07-21
PRIOR PRICING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
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                                                   NUMBER OF SEQ ID NOS: 121
SOFTMARE: PATENTIN VERSION 3.2
SEQ ID NO 46
LENGTH: 18
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Best Local :
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LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                     APPLICANT: Koo, Seongjoon
APPLICANT: Bennett, C. Frank
APPLICANT: Crooke, Stanley T.
APPLICANT: Dean, Nicholas, M.
APPLICANT: Baker, Brenda F.
TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single-
TITLE OF INVENTION: Double-Stranded Oligomeric Compounds
FILE REFERENCE: ISISO001-100 (COREO0027US)
CURRENT APPLICATION NUMBER: US/10/664,639A
CURRENT FILING DATE: 2003-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/411,780 PRIOR FILING DATE: 2002-09-18
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Vickers, Timothy APPLICANT: Koo, Seongjoon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Brett APPLICANT: Lex M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Oligonucleotide
                                   TYPE: DNA
                DRGANISM: artificial sequence
EATURE:
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1 Similarity 94.1%; Pred. No. 1.
16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GGGAGGTGCCGCCGCCG 17
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TYPE: DNA

ORGANISM: artificial sequence
FEATURE:
FEATURE:
INAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: synthetic primer sequence
US-09-894-633A-71
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US-09-894-633A-71
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                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                            Sequence 881, A Publication No.
                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
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APPLICANT:
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TITLE OF INVENTION: PLANT REGULATORY SEQUENCES FOR SELECTIVE CONTROL OF GENE EXPRESSIC FILE REFERENCE: 386-21 (15856) B
CURRENT APPLICATION NUMBER: US/09/894,633A
CURRENT FILING DATE: 2001-06-28
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,357
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 09/894,633
PRIOR FILING DATE: 2000-06-28
PRIOR FILING DATE: 2000-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Conner, Timothy APPLICANT: Dubois, Patrice APPLICANT: Malven, Marianne APPLICANT: Masucci, James
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                                                                                                                                         APPLICANT:
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LOCATION: (15)..(18)
OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 1.1%;
Local Similarity 94.1%;
                                                                                                                                                                                                                                                                                                            552 GCGTGTGCGTGCGTTCG 568
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5. US20020124285A1
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Rreier, John
Rreier, Susan M.
Sasmor, Henri M.
Brooks, Douglas G.
Ohashi, Cara
Wyatt, Jacqueline R.
Borchers, Alexander
                                                                                                                     Baker, Brenda F.
                                                                                                                                                                                            Application US/10388263
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                                                                                                                                           Lex M.
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Pred. No. 1.5e+02;
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Pred. No. 1.8e+02;
0; Mismatches 1
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APPLICANT:

PPLICANT

Borchers, All. Timothy

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RESULT 86
US-10-336-213B-58
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; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-881
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                                                        Sequence 58, Application US/10336213B Publication No. US20040002153A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 917
LENGTH: 21
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CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 881
LENGTH: 21
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Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: MCNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowsert APPLICANT: Robert McKay
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                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Oligomeric Compound
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.1%;
Local Similarity 94.1%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                                                                             633 GGGAGGTGGCGCCGCCG 649
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                                                                                                                                                                                                                                                                                   Conservative
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Pred. No. 1.
                                                                                                                                                                                                                                                                                   Score 15.4; DB 1; Length 21; Pred. No. 1.9e+02; Indels
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FOR GENE MODULATION
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                                                                                                                      US-10-023-610-56/c
                                                          Sequence 56, Application US/10023610 Publication No. US20030023059A1 GENERAL INFORMATION:
  APPLICANT: Acton, Susan L. TITLE OF INVENTION: SR-BI NUCLEIC ACIDS FILE REPERENCE: MIA-005.03
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GENERAL INFORMATION:

APPLICANT: ACTON, SUBBA L.

APPLICANT: Ordovas, Jose M.

APPLICANT: Ordovas, Jose M.

APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND TITLE OF INVENTION: CARDIOVASCULAR DISORDERS FILE REFERENCE: MNI-172CP2

CURRENT APPLICATION NUMBER: US/09/779,152

CURRENT FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 08/890,979

PRIOR APPLICATION NUMBER: 08/890,979

PRIOR FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 56

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Tim Vickers
ITITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: ISISO004-100
CURRENT APPLICATION NUMBER: US/10/336,213B
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: US 09/577,902
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2000-05-24
PRIOR FILING DATE: 1999-12-14
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 58
LENGTH: 21
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US-09-779-152-56/c
                                                                                                                                                                                   ; ORGANISM: Human US-09-779-152-56
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Best Local (
                                                                                        Matches
                                                                                                              Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                 Query Match
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Oligonucleotide
                                                                                        Local Similarity hes 17; Conserv
                                           1037 GTGGGCGGCGGTGGTGAA 1056
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                                                                                   1.1%; Score 15.2; |
85.0%; Pred. No. 1.90
tive 0; Mismatches
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Pred. No. 1.9e+02;
0; Mismatches 1
                                                                                                                .9e+02;
                                                                                                                                      DB 1;
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                                                                                                                                      Length 20;
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AND USES THEREFOR

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APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
APPLICANT: Miller, Andrew
APPLICANT: Miller, Andrew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/10/205,522
CURRENT FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: US/09/356,806
PRIOR APPLICATION NUMBER: US/09/356,806
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 164
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 92
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2001-12-17

EARLIER APPLICATION NUMBER: 09/686,106

EARLIER FILING DATE: 2000-10-10

EARLIER APPLICATION NUMBER: 09/032,894

EARLIER FILING DATE: 1998-02-27

EEARLIER APPLICATION NUMBER: 08/890,980

EARLIER FILING DATE: 1997-07-10

NUMBER: 09/807-10

NUMBER: 09/807-10

SOPTWARRE: PASCENTIN Ver. 2.0

SEQ ID NO 56

LENGTH: 20
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; ORGANISM: H. sapiens
US-10-205-522-92
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, Sequence 92, Application US/10205522
, Publication No. US20030077629A1
, GENERAL INFORMATION:
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; ORGANISM: Human
US-10-023-610-56
                                                                                                                                                                                                                                                                                                              US-10-057-834A-51
                                                                                                                                                                                                                             Sequence 51, Application US/10057834A Publication No. US20030099960A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 1.1%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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                                                APPLICANT: SAMYER, MICHAEL
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
TITLE OF INVENTION: PREDICTING UGT2B7 SUBSTRATE TOXICITY
                                                                                                                           APPLICANT: RATAIN, MARK J.
APPLICANT: INNOCENTI, FEDERICO
APPLICANT: DAS, SOMA
APPLICANT: IYER, LALITHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/023,610
ILE REFERENCE: ARCD:358US
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llarity 85.0%;
Conservative
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Pred. No. 1.9e+02
0; Mismatches
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; SOPTWARE: PatentIn Ver. 2; SEQ ID NO 51; LENGTH: 20; TYPE: DNA; ORGANISM: Homo sapiens
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US-10-216-817-9
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US-10-023-782A-72
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                                                                                                                     Sequence 72, Application US/10023782A

Publication No. US20030147863A1

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freiter
TITLE OF INVENTION: ANTISENSE MODULATION OF TFAP2C EXPRESSION
FILE REFERENCE: RTS-0343

CURRENT APPLICATION NUMBER: US/10/023,782A

CURRENT FILING DATE: 2001-12-17

NUMBER OF SEQ ID NOS: 87
                                      SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: GICQUEL, BRIGITTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/10216817
Publication No. US20030129619A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING MULTIDRUG
TITLE OF INVENTION: RESISTANT STRAINS OF M. TUBERCULOSIS HAVING MUTATIONS
TITLE OF INVENTION: IN GENES OF THE mutt FAMILY
FILE REFERENCE: 03495.0233-00000
CURRENT APPLICATION NUMBER: US/10/216,817
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: 60/311,824
PRIOR APPLICATION NUMBER: 60/311,824
PRIOR FILING DATE: 2001-08-14
PRIOR FILING DATE: 2001-08-21
RUMBER: 05 SEQ ID NOS: 32
RUMBER OF SEQ ID NOS: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.1
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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Local Similarity 85.0%;
es 17; Conservative
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Pred. No. 1.
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Pred. No. 1.9e+02;
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APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Charles, Boone
APPLICANT: Charles, Bussey
ITILE OF INVENTION: Gene Disruption Methodologies for
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5708
LENGTH: 20
RESULT 95
US-10-280-183A-175/c
; Sequence 175, Application US/10280183A
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                                                                                                                                                                                                                          ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-848-56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5708
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US-10-032-585-5708
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                                                                                                                                                   Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING RISK FACTORS
TITLE OF INVENTION: FOR ABNORMAL LIPID LEVELS AND THE DISEASES AND DISORDERS
TITLE OF INVENTION: ASSOCIATED THEREWITH
FILE REFERENCE: MMI-012
CURRENT APPLICATION NUMBER: US/10/212,848
CURRENT FILING DATE: 2002-08-05
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 56
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 56, Application US/10212848 Fublication No. US20040023225A1 GENERAL INFORMATION:
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Best Local Similarity 85.0%;
Matches 17; Conservative
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Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5708, Application US/10032585 Publication No. US20030180953A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MCCARTHY, Jeanette
                                                                                                               1037 GTGGGCGGCGGTGGTGAA 1056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1636 CCTACCCTTTTGAAAATTAC 1655
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                                                                                                                                                           Conservative
                                                                                                                                                                            1.1%;
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                                                                                                                                                          Score 15.2; DI
Pred. No. 1.9e-
0; Mismatches
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Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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                                                                                                                                                                          1.9e+02;
                                                                                                                                                                                          DB 1;
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US-10-303-420-211
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; ORGANISM: Mouse
US-10-280-183A-175
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                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 63
LENGTH: 20
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 63, Application US/10303420 Publication No. US20040102398A1 GENERAL INFORMATION:
                                                     Sequence 211, Application US/10303420 Publication No. US20040102398A1
                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                              Best Local Similarity Matches 17; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
                                                                                                                                                                                      361 AGGGGCCTGGTCTGTGCGTC 380
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17; Conserv
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Beauchamp, Gary K.
Chatterjee, Aurobindo
De Jong, Pieter J.
Li, Shanru
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APPLICANT: ROSS, DAVID

APPLICANT: TOROSI, Michael G.

TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SEN.

TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS

FILE REFERENCE: PC18306A

CURRENT APPLICATION NUMBER: US/10/280,183A

CURRENT FILING DATE: 2002-10-25

PRIOR APPLICATION NUMBER: 60/200,794

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NO 175

SEQ ID NO 175

LENGTH: 20

TUDE: NAME OF SECTION OF SE
                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: AntiBense Oligonucleotide US-10-303-420-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: WODULATION OF B7H EXPRESSION
FILE REFERENCE: RTS-0417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.1%; Score 15.2; DB 1; ilarity 85.0%; Pred. No. 1.9e+02; Conservative 0; Mismatches
Score 15.2; DB 1;
Pred. No. 1.9e+02;
0; Mismatches 3
                                                                                                                                  DB 1;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTMARE: PATENTIAN VERSION 3.2

SEQ ID NO 2110

LENGTH: 20
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US-10-688-706-2110/c
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                               APPLICANT: Charmacia Corp.
APPLICANT: Cierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PELICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1207
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 211
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2110, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                   Sequence 1207, Application US/10671395
Publication No. US20040132063A1
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Best Local
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ORGANISM: H. sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: human GFAT antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: artificial
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Pred. No. 1.9e+02
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Pred. No. 1.9e+02;
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; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1207
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                                                                                                                    ; OTHER INFORMATION: human mitoNEET antisense US-10-728-399-199
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US-10-671-395-1296/c
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Colca, Jerry
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.2 SEQ ID NO 1296
                                                     Matches
                                                                 Query Match
Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
PRIOR OF SEQ ID NOS: 1809
                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: artificial
FEATURE:
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es 17; Conserv
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1518 TTAAAAAAAAAAAAGTAAAA 1537
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US20040132063A1
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                                                                   Score 15.2; DB 1;
Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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RESULT 103
US-09-978-295A-564/c
; Sequence 564, Application US/09978295A
                                                                                                                                                                                                                  TOPOLOGY: linear

HOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-850-351A-11
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US-09-850-551A-11
; Sequence 11, Application US/09850351A
; Patent No. US20020100080A1
; GENERAL INFORMATION:
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                                                                                                                                                     Query Match 1.3
Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 11:
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APPLICATION NUMBER: US 09/073,898

RILING DATE: 06-MAY-1998

APPLICATION NUMBER: US 08/960,780

FILING DATE: 30-CCT-1997

APPLICATION NUMBER: US 60/029,848

FILING DATE: 30-CCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sanders, Jay M.

REGISTRATION NUMBER: 39,355

REFERENCE/DOCKET NUMBER: MA-708CD1

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/850,351A
FILING DATE: 07-May-2001
CLASSIFICATION: CUnknown>
                                                                                                                 1630 ATCCTCCCTACCCTTTTGAA 1649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Muller-Cohn, Judy
Stamp, Lisa
Morrill, George
TITLE OF INVENTION: No. US20020100080Alel Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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TELEFAX: 352-372-5800
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Dullum, Charles Joseph
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Stockhoff, Brian A.
Schmeits, James
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Pred. No. 2.1e+02;
D; Mismatches 3
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GENERAL INFO
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Eaton, Dan
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     NUMBER: 60/079663
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
FILING DATE: 1998-03-2079689
APPLICATION NUMBER: 60/079689
APPLICATION NUMBER: 03/079689
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FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077450
                                                                                                                                 APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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FILING DATE: 1997-11-13
                                                                                      FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Godowski, Paul J.
Grimaldi, J. Christopher
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DR FILING DATE: 1998-03-27

DR APPLICATION NUMBER: 60/079728

DR APPLICATION NUMBER: 60/079786

DR FILING DATE: 1998-03-27

DR APPLICATION NUMBER: 60/079920

DR FILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080107

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080194

DR APPLICATION NUMBER: 60/080327

DR APPLICATION NUMBER: 60/080327

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080333

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080334

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RESULT 104
US-09-978-697-564/c
; Sequence 564, Application US/09978697
; Patent No. US20020169284A1
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GENERAL INFO
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OR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083590
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084411
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084641
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084637
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
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OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085570
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                                                                                            INFORMATION:
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 Desnoyers,
Eaton, Dan
                                      Baker Kevin P.
Botstein, David
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Pred. No.
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OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819

DR APPLICATION NUMBER: 60/081952
DR FILLING DATE: 1998-04-15
DR FILLING DATE: 1998-04-15
DR FILLING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082568
DR FILLING DATE: 1998-04-21
DR FILLING DATE: 1998-04-21

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-21

60/082569

PRIOR

OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR TILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322

OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083496
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR APPLICATION NUMBER: 60/083499
OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29

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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 00/062250
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/06231
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065364
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OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR PILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/07791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07804
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079656
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APPLICATION NUMBER: 60/077450
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Stewart, Timothy A.
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Kuo, Sophia S.
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Hillan, Kenneth J
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Goddard, Audrey
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Filvaroff, Ellen
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con, David L.
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en, Mary E.
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                                                     60/079786
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botscein, David
APPLICANT: Bersoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E
APPLICANT: Gerritsen, Mary E
APPLICANT: Gerritsen, Mary E
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US-09-978-192A-564/c
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                                                                                                                                                                                                                                      Sequence 564, Application US/09978192A Patent No. US20020177553A1 GENERAL INFORMATION:
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Best Local
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Gerber, Hanspeter
Gerritsen, Mary E
Goddard, Audrey
                                                                            Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
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APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Shelton, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
PILE REFERENCE: P2630PIC9
CURRENT APPLICATION UNMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
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OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
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OR APPLICATION NUMBER: 60/079663
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OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
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OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/07886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/
FILING DATE: 1998-03-12
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FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
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  FILING DATE:
APPLICATION 1
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Hillan, Kenneth J
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Sophia S.
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PRIOR PILLING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080124
PRIOR PRILING DATE: 1998-03-31
PRIOR PRILING DATE: 1998-04-01
PRIOR PRILING DATE: 1998-04-01
PRIOR PRILING DATE: 1998-04-03
PRIOR PRILING DATE: 1998-04-03
PRIOR PILLING DATE: 1998-04-04
PRIOR PILLING DATE: 1998-04-04
PRIOR PILLING DATE: 1998-04-08
PRIOR PILLING DATE: 1998-04-09
PRIOR PILLING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/08120
PRIOR APPLICATION NUMBER: 60/081817
PRIOR APPLICATION NUMBER: 60/081817
PRIOR APPLICATION NUMBER: 60/081817
PRIOR APPLICATION NUMBER: 60/081817
PRIOR APPLICATION NUMBER: 60/081819
PRIOR PILLING DATE: 1998-04-15
PRIOR PILLING DATE: 1998-04-15
PRIOR PILLING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/08256
PRIOR PILLING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/08256
PRIOR APPLICATION NUMBER: 60/08332
PRIOR APPLICATION NUMBER: 60/08332
PRIOR APPLICATION NUMBER: 60/08336
PRIOR PILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/08336
PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/08355
PRIOR APPLICATION NUMBER: 60/08356
PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/08356
PRIOR PILING
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US-09-999-832A-564/c
US-09-999-832A-564, Application US/09999832A
Publication No. US20020192706A1
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OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR PILING DATE: 1998-05-07
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
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OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
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OR APPLICATION NUMBER: 60/084633
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085333
OR APPLICATION NUMBER: 60/085333
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
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OR APPLICATION NUMBER: 60/085689
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OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085580
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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Baker Kevin P.
Botstein, David
               Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                                                                                         Fong, but Gao, Wei-Qiang
             Kuo,
                                                                                          Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                   Gerber, Hanspeter
                                                                                                                                                                                                                            Filvaroff,
                                                                                                                                                                                                                                                  Ferrara,
                                                                                                                                                                                                                                                                   Eaton,
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                                                                                                                                                                                                                                                                   Dan
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Ef, Ellen
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Pred. No. 2
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Gaps

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APPLICANT: Pan, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
                                   PRIOR
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OR APPLICATION NUMBER: 60/064249
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/065364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
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OR FILING DATE: 1998-03-12
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OR FILING DATE: 1998-03-20
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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
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R FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/07
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/08
PR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/08
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FILING DATE: 2001-07-30
APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
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OR APPLICATION NUMBER: 60/081817
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OR APPLICATION NUMBER: 60/081952
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OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
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OR APPLICATION NUMBER: 60/083336
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OR APPLICATION NUMBER: 60/083336
  OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
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OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
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OR APPLICATION NUMBER: 60/084366
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OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
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OR APPLICATION NUMBER: 60/084637
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OR FILING DATE: 1998-04-28
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OR APPLICATION NUMBER: 60/081071

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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
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RESULT 107
US-09-978-189-564/c
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DR APPLICATION NUMBER: 60/084640
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084598
DR FILING DATE: 1998-05-07
DR FILING DATE: 1998-05-07
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DR APPLICATION NUMBER: 60/084627
DR FILING DATE: 1998-05-07
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DR APPLICATION NUMBER: 60/084643
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DR APPLICATION NUMBER: 60/085339
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OR APPLICATION NUMBER: 60/085573
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DR FILING DATE: 1998-05-15
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PR FILING DATE: 1998-05-13
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PR APPLICATION NUMBER: 60/085323
PR FILING DATE: 1998-05-13
PR APPLICATION UNBER: 60/085582
PR FILING DATE: 1998-05-15
PR FILING DATE: 1998-05-15
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
                           Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E.
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Filvaroff,
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Williams, P. Mickey
                                                                                                                 Napier, Mary A.
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o. US20030004102A1
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ilarity 85.0%;
Conservative
                                                                                                   James;
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ff, Ellen
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Pred. No. 2
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C7
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OOR FILING DATE: 1997-11-03
OOR APPLICATION NUMBER: 60/065311
OOR FILING DATE: 1997-11-13
OOR APPLICATION NUMBER: 60/066364
OOR FILING DATE: 1997-11-21
OOR FILING DATE: 1997-10-21
OOR APPLICATION NUMBER: 60/077450
OOR APPLICATION NUMBER: 60/077632
OOR FILING DATE: 1998-03-11
OOR APPLICATION NUMBER: 60/077641
OOR APPLICATION NUMBER: 60/077641
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OR APPLICATION NUMBER: 60/80327
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079923
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OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION WUMBER: 60/081105
PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-15
PRIOR PRIOR DATE: 1998-04-25
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PRIOR PRILICATION WUMBER: 60/08276
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RESULT 108
US-09-978-608A-564/c
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C22
CURRENT APPLICATION NUMBER: US/09/978,608A
CURRENT FILING DATE: 2001-10-16
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OR APPLICATION NUMBER: 60/085580
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OR APPLICATION NUMBER: 60/08582

OR FILING DATE: 1998-05-15

OR APPLICATION NUMBER: 60/085700

OR FILING DATE: 1998-05-15

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DR FILING DATE: 1998-05-07
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DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085318
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17; Conserv
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Gao, Wei-Qiang
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Baker Kevin P.
Botstein, David
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E
Goddard, Audrey
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Grimaldi, J. Christopher
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Hillan, Kenneth J
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f, Ellen
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Pred. No. 2
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                                                                                                                ; OTHER INFORMATION: Synthetic oligonucleotide US-09-978-585A-564
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 564
LENGTH: 21
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SEQ ID NO 564
LENGTH: 21
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                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C15
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                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Synthetic oligonucleotide probe
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nes 17; Conservative
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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                                                         Conservative
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Pred. No. 2.1e+02;
                                                                       Score 15.2; DB 1;
Pred. No. 2.1e+02;
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR APPLICATION NUMBER: 60/077450
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                                                        FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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APPLICATION NUMBER: 60/078936
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Stewart, Timothy A.
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Grimaldi, J. Christopher
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NUMBER: 60/079664
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f, Ellen
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DR FILING DATE: 1998-03-27

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OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
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OR APPLICATION NUMBER: 60/080105
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08

APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01

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RESULT 111
US-09-978-403A-564/c
US-09-978-403A-564/c
Sequence 564, Application US/09978403A
Publication No. US20030050240A1
GENERAL INFORMATION:
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DR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
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      PRIOR
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PEGSOPICI7
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
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Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Kuo, Sophia S.
Napier, Mary A.
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Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Botstein, David
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DR APPLICATION NUMBER: 60/081049
DR FILING DATE: 1998-04-08
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APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333
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FILING DATE: 1998-03-27
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FILING DATE: 1998-03-31
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eston, Dan
APPLICANT: Ferrara, Napole
                                                                                                                                                                                                   RESULT 112
JS-09-978-564A-564/c
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DR APPLICATION NUMBER: 60/083500
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085580
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APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER: 60/083742
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Botstein, David
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Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
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PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1997-10-17
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OR APPLICATION NUMBER: 60/079728
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OR APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/077641
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FILING DATE: 1997-11-03
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
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FILING DATE: 1998-03-12
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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sen, Mary E.
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PEG3091C25 CURRENT APPLICATION NUMBER: US/09/978,564A CURRENT FILING DATE: 2001-10-16 CURRENT FILING DATE: 2001-10-16
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OR APPLICATION NUMBER: 60/080328
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DR APPLICATION NUMBER: 60, PRILING DATE: 1998-04-05
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FILING DATE: 1998-04-22
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FILING DATE: 1998-04-15
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OR FILING DATE: 1998-05-07
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OR APPLICATION NUMBER: 60/084627
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Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                                         Fong, Successions Gao, Wei-Qiang
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                                                                                                                                                                                        Desnoyers,
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                                                                                                                                                                                                                             Baker Kevin
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 00/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-11
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PRIOR APPLICATION NUMBER: 60/079920
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REPERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-0-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Kljavin,
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Sophia S.
Ler, Mary A.
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
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OR APPLICATION NUMBER: 60/084366
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APPLICATION NUMBER: 60/083322
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APPLICATION NUMBER: 60/082796
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FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/081070 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 1998-04-0: 60/080328

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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Baker Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085338
DR FILING DATE: 1998-05-13
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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084600
DR FILING DATE: 1998-05-07
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
Desnoyers, Luc
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Gerber,
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Grimaldi, J. Christopher
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Goddard, A
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Filvaroff,
                                                   Pan,
                              Paoni,
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o. US20030054986A1
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  Margaret Ann
                              James;
i, Nicholas F.
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f, Ellen
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Pred. No. 2.1e+02;
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C12
OR PELICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR PILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR PILING DATE: 1998-03-37
OR PILING DATE: 1998-03-37
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
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OR PILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080105
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OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080328
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
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PRIOR PILLING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR APPLICATION NUMBER: 60/081071
PRIOR PILLING DATE: 1998-04-08
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PRIOR PILLING DATE: 1998-04-09
PRIOR PILLING DATE: 1998-04-09
PRIOR PILLING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/08129
PRIOR PILLING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/08129
PRIOR PILLING DATE: 1998-04-15
PRIOR PILLING DATE: 1998-04-21
PRIOR PILLING DATE: 1998-04-21
PRIOR PILLING DATE: 1998-04-22
PRIOR PILLING DATE: 1998-04-21
PRIOR PILLING DATE: 1998-04-22
PRIOR PILLING DATE: 1998-04-29
PRIOR PILLING DATE: 1998-04-30
PRIOR PILLING
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RESULT 115
US-09-978-824-564/c
Sequence 564, Application US/09978824
Publication No. US20030055216A1
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APPLICATION NUMBER: 60/08580
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085579
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ANT: Roy, Margaret Ann
ANT: Shelton, David L.
ANT: Stewart, Timothy A.
ANT: Tumas, Daniel
ANT: Williams, P. Mickey
ANT: Wold, William I.
OF INVENTION: Secreted and Transmembrane Po
OF INVENTION: Acids Encoding the Same
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Godowski, Paul J.
Godimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E.
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                                                                                                  i, Nicholas F.
Margaret Ann
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Pred. No. 2.1e+02;
0; Mismatches 3
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FILE REFERENCE: P2630P1C14
CURRENT APPLICATION NUMBER: US/09/978,824
CURRENT FILING DATE: 2001-0-17
PRIOR APPLICATION NUMBER: 09/91885
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR PPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60
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OR FILING DATE: 1997-11:
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R FILING DATE: 1998-04-01
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OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/08193
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-25
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/082706
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/08333
OR APPLICATION NUMBER: 60/08332
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08392
OR APPLICATION NUMBER: 60/08496
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nuc.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C1
CURRENT APPLICATION NUMBER: US/09/918,585A
CURRENT FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 564, Application US, Publication No. US200300604C GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, David
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US-09-918-585A-564/c
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DR FILING DATE: 1998-05-15
DR APPLICATION UNMBER: 60/085700
DR FILING DATE: 1998-05-15
DR APPLICATION UNMBER: 60/085689
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085579
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R APPLICATION NUMBER: 60/01
R FILING DATE: 1998-05-13
R APPLICATION NUMBER: 60/01
R FILING DATE: 1998-05-13
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
Goddard, Audrey
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Botstein, David
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i, Nicholas F.
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Pred. No. 2.1e+02;
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        OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR APPLICATION NUMBER: 60/081070
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
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OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/079728
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DR APPLICATION NUMBER: 60/077791

DR FILING DATE: 1998-03-12

DR APPLICATION NUMBER: 60/078004

DR FILING DATE: 1998-03-13

DR APPLICATION NUMBER: 60/078886

DR FILING DATE: 1998-03-20

DR FILING DATE: 1998-03-20
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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FILING DATE: 1998-03-26
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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FILING DATE: 1998-03-20
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FILING DATE: 1997-11-13
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APPLICANT: Grimain, to Cultiscopies
APPLICANT: Hillan, Kenneth J
APPLICANT: Hillan, Kenneth J
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Ko, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Wood, William I.
APPLICANT: 0910464 and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION NUMBER: 09/09/999,834A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
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US-09-999-834A-564/c
; Sequence 564, Application US/09999834A
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OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085697
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/086023
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Grimaldi, J. Christopher
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/077450
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Desnoyers, Luc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Napoleon
f, Ellen
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Pred. No. 2.1e+02;
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OR APPLICATION NUMBER: 60/079689
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OR APPLICATION NUMBER: 60/079663
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OR APPLICATION NUMBER: 60/079728
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OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
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APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078936
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APPLICATION NUMBER: 60/079656
FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-27
APPLICATION NUMBER: 60/083322
FILING DATE: 1998-04-28
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APPLICATION NUMBER: 60/085700
APPLICATION NUMBER: 60/085689
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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-23
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APPLICATION NUMBER: 60/084643
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
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CURRENT APPLICATION NUMBER: US/09/978,193A
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PELICATION NUMBER: 60/062250
PRIOR PELICATION NUMBER: 60/062250
PRIOR PELICATION NUMBER: 60/06249
PRIOR PELICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06331
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR PELICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077631
PRIOR APPLICATION NUMBER: 60/077641
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US-09-978-193A-564/c
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Best Local
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TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C6
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OR FILING DATE: 1997-11-23
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077642
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
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Baker Kevin P.
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Hillan, Kenneth J
Kljavin, Ivar J.
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5. US20030073624A1
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sen, Mary E.
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Ef, Ellen
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FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/0

60/079923 60/079920 60/079786 60/079728 60/079663 60/079689 60/079664 60/079656

FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107

DR FILING DATE: 1998-03-20
RR APPLICATION NUMBER: 60/078910
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
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OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/08395
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OR FILING DATE: 1998-05-06
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FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
FILING DATE: 1998-04-27
l Similarity
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APPLICATION NUMBER: FILING DATE: 1998-0

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APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08

FILING DATE: 1998-04-01

OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334

APPLICATION NUMBER: FILING DATE: 1998-0

1998-03-3

60/080194 60/080165

APPLICATION NUMBER:

1998-03-31

FILING DATE: 1998-03-31

OR APPLICATION NUMBER: 60/08
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60/081817 60/081955 60/081229 60/081203 60/081195 60/081071

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R APPLICATION NUMBER: 60/01
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60/082797 60/082700 60/082804 60/082704 60/082569 60/082568

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-21 APPLICATION NUMBER: FILING DATE: 1998-04

1998-04-

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RESULT 120
US-09-999-830A-564/c
; Sequence 564, Application US/09999830A
; Publication No. US20030077700A1
; PUBLICATION:
                     APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C70
CURRENT APPLICATION NUMBER: U9/09/999,830A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/06250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077641
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     APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
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Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E.
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DR APPLICATION NUMBER: 60/082797
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082796
DR FILING DATE: 1998-04-23
DR APPLICATION NUMBER: 60/083336
DR FILING DATE: 1998-04-27
DR APPLICATION NUMBER: 60/083322
DR FILING DATE: 1998-04-28
DR APPLICATION NUMBER: 60/083392
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TR APPLICATION NUMBER: 60/081195

DR FILING DATE: 1998-04-08

PR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081229

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PRAPPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

PRAPPLICATION NUMBER: 60/080194

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080327

OR APPLICATION NUMBER: 60/080328

OR APPLICATION NUMBER: 60/080328
                                                                                                                                                                                                                               R FILING DATE: 1998-04-21
PR FILING DATE: 1998-04-22
R FILING DATE: 1998-04-22
R APPLICATION NUMBER: 60/082804
NR FILING DATE: 1998-04-22
RR APPLICATION UNBER: 60/082700
RR FILING DATE: 1998-04-22
RR FILING DATE: 1998-04-22
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RAPPLICATION NUMBER: 60/081952

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OR APPLICATION NUMBER: 60/081838

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DR APPLICATION NUMBER: 60/080334

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DR APPLICATION NUMBER: 60/081070

DR APPLICATION NUMBER: 60/081049

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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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APPLICATION NUMBER: 60/082569
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RESULT 121
US-09-978-757A-564/c
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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084598
DR FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06
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FILING DATE: 1998-05-05
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APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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1 Similarity 85.0%;
17; Conservative
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                                                                                                                                                     Score 15.2; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 3
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APPLICANT: Foli, Osine 6,
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
APPLICANT: William I.
ITILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P6430P1C26
CURRENT APPLICATION NUMBER: US/09/978,757A
CURRENT APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-11-03
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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OR APPLICATION NUMBER: 60/07941
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077632
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078006
OR APPLICATION NUMBER: 60/078066
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/079636
OR APPLICATION NUMBER: 60/079656
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079666
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
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Godowski, Paul J.
Grimaldi, J. Christopher
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Ef, Ellen
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RESULT 122
US-09-978-187B-564/c
Sequence 564, Application US/09978187B
Publication No. US20030096744A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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OR APPLICATION NUMBER: 60/083500
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084411
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084641
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084690
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
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R APPLICATION NUMBER: 60/085579

DR FILING DATE: 1998-05-15

R FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085580

DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085573

DR FILING DATE: 1998-05-15
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DR FILING DATE: 1990-04-29
DR APPLICATION NUMBER: 60/083554
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083558
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083559
DR APPLICATION NUMBER: 60/083559
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R FILING DATE:
R APPLICATION I
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APPLICATION NUMBER: 60/085689
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1 Similarity 85.08;
17; Conservative
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Pred. No. 2.
0; Mismatche
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PRIOR

APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR PILING DATE: 1998-04-08
OR FILING DATE: 1998-04-08
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081091
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09

OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31

APPLICATION NUMBER: 60/079920 FILING DATE: 1998-03-30

FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/
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60/079728 3-27 60/079786

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01

60/080327 4-01 60/080328

OR PELICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
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OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495

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CURRENT APPLICATION NUMBER: US/09/978,1878
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PEGSOPICS
FILE REFERENCE: PEGSOPICS
CURRENT APPLICATION NUMBER: US/09/978,187B
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078086
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/078939
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OR APPLICATION NUMBER: 60/079294
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OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079666
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079669
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OR APPLICATION NUMBER: 60/079920
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/08336
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083496
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DR FILLING DATE: 1998-04-22

PR FILLING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082797

DR FILING DATE: 1998-04-22
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RR APPLICATION NUMBER: 60/081203

DR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081229

DR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/082569
FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
FILING DATE: 1998-04-15
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/080327
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
                                                                     NUMBER: 60/0
                                                                                                                                                           NUMBER: 60
                                                   NUMBER: 60/083558
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NUMBER: 60/083500

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RESULT 123
US-09-978-643A-564/c
; Sequence 564, Application US/09978643A
; Publication No. US20030104998A1
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084677
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DR FILING DATE: 1998-05-15

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DR APPLICATION NUMBER: 60/085573

DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085704
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APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER: 60/084366
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17; Conserv
Fong, Sneamer
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Eaton, Dan
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Pred. No. 2.1e+02;
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US-09-978-643A-564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-978-375A-564/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C16 CURRENT APPLICATION NUMBER: US/09/978,643A CURRENT FILING DATE: 2001-10-16 NUMBER OF SEQ ID NOS: 624 Prior Application removed - See File Wrapper or Palm SEQ ID NO 564
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Matches
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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17; Conser
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                                                  Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
                            Williams, P. Mickey Wood, William I.
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Filvaroff,
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Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                           Gerber, Hanspeter
Gerritsen, Mary E.
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Hillan, Kenneth J
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                                                                                                                                           Napier,
                                                                                                                                                     Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                                                                                                     Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                 Paoni,
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                                                                                                                               James;
                                                                                                                Nicholas F
                                                                                                                                                                                                                                                                                                         Sherman
                                                                                                                                           Mary A.
                                                                                                                                                                                                                                                                                                                    , Napoleon
Ef, Ellen
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Pred. No. 2.1e+02;
0; Mismatches 3
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APPLICANT: ROY, MARGATER AND
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE OF INVENTION: Acids Encoding the Same
FILE OF INVENTION NUMBER: US/09/978,298A
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077622
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US-09-978-298A-564/c
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-09-978-375A-564
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CURRENT APPLICATION NUMBER: US/09/978,375A
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Best Local
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ORGANISM: Artificial Sequence
  APPLICATION NUMBER: FILING DATE: 1998-03
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Botstein, David
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Hillan, Kenneth J
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5. US20030134785A1
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Pred. No. 2.1e+02
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR APPLICATION NUMBER: 60/081070
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081830
OR APPLICATION NUMBER: 60/081838
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OR APPLICATION NUMBER: 60/079786
OR RILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079656
FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/079728
FILING DATE: 1998-03-27
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CURRENT APPLICATION NUMBER: US/99/978,188A
CURRENT EILING DATE: 2001-07-30
PRIOR FILLING DATE: 2001-07-30
PRIOR FILLING DATE: 2001-07-30
PRIOR FILLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILLING DATE: 1997-11-03
PRIOR PILLING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILLING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILLING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
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US-09-978-188A-564/c
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Best Local :
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C8
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Hillan, Kenneth J
Kljavin, Ivar J.
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PRIOR PRIOR

OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR APPLICATION NUMBER: 60/083558
OR APPLICATION NUMBER: 60/083558
OR APPLICATION NUMBER: 60/083558
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APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-29

60/083495

PRIOR PRIOR

APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-23

60/082796

APPLICATION NUMBER: 60/083322 FILING DATE: 1998-04-28 APPLICATION NUMBER: 60/083392 FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22

FILING DATE: 1998-04-APPLICATION NUMBER: 6 FILING DATE: 1998-04

60/082704

DATE: 1998-04-21

NUMBER: 60/082569

PRIOR

APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07

60/084643

OR APPLICATION NUMBER: 60/08441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084598
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084600
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OR APPLICATION NUMBER: 60/084607
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APPLICATION NUMBER: 60/ FILING DATE: 1998-05-06

60/084414

APPLICATION NUMBER: 60/083742 FILING DATE: 1998-04-30

APPLICATION NUMBER: 60/084366 FILING DATE: 1998-05-05

APPLICATION NUMBER: 60/083559
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
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OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085582
OR APPLICATION NUMBER: 60/085582
OR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085700
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085689
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085579
DR APPLICATION NUMBER: 60/085579
DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/078910
PR FILING DATE: 1998-03-20
PR FILING DATE: 1998-03-20
PR FILING DATE: 1998-03-20
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PR APPLICATION NUMBER: 60/079656

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60/078936 60/078886

PRIOR

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27

60/079786 60/079728

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-30

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R FILING DATE: 1998-04-22
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PRIOR

APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334

FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/081070

OR APPLICATION NUMBER: 60/07
R FILING DATE: 1998-03-30
RR APPLICATION NUMBER: 60/08
RR APPLICATION NUMBER: 60/08
RR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-03-31
RR FILING DATE: 1998-03-31
RR FILING DATE: 1998-03-31

60/080105

60/079923 60/079920

60/080165 60/080107

PRIOR

APPLICATION NUMBER: FILING DATE: 1998-0

1998-04-09 1998-04-08 1998-04-1998-04-08 1998-04-08

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60/081071

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OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-22

Query Match

60/082804 60/082704 60/082569 60/082568 60/081838 60/081952 60/081819 60/081817 60/081955 60/081229 60/081203 60/081195

. 18; Score 15. 2; ВB 1: Length 21;

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APPLICANT: Tumes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Milliam I. Mickey
APPLICANT: Wood, Milliam I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091618

CURRENT FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 09/91850
PRIOR APPLICATION NUMBER: 09/91850
PRIOR FILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06251
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-31
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPL
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Grimaldi, J. Cl
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Sophia S.
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                                                                                      Score 15.2; DB 1;
Pred. No. 2.1e+02;
                                    414
                                                                       Mismatches
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                                                                                                       Length 21;
                                                                       Indels
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RESULT 128
US-09-978-194A-564/c
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C10
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OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR PILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/07791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079656
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Gao, Wei-Qiang
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Napier, Mary A.
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Hillan, Kenneth J
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i, Nicholas
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, Audrey
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f, Ellen
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R FILING DATE: 1998-03-27
R APPLICATION NUMBER: 60/0
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R APPLICATION NUMBER: 60/0
R FILING DATE: 1998-03-27

60/079786

60/079728 60/079663 60/079689

60/079920

DR APPLICATION NUMBER: 60/07
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/07
DR FILLING DATE: 1998-03-27
DR PILLING DATE: 1998-03-30
DR FILLING DATE: 1998-03-30
DR FILLING DATE: 1998-03-30
DR FILLING DATE: 1998-03-30
DR FILLING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/08
DR FILLING DATE: 1998-03-31

60/080107 60/080105 60/079923

60/080194 60/080165

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RESULT 129
US-09-999-829A-564/c
US-099-829A-564/c
Paphication No. US20030195344A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
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Best Loc
Matches
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
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OR APPLICATION NUMBER: 60/083545
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083546
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083590
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083590
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08463
OR APPLICATION NUMBER: 60/08463
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08463
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OR APPLICATION NUMBER: 60/08463
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08590
OR APPLICATION NUMBER: 60/085970
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Pred. No. 2.1e
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OR PELICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081070
OR APPLICATION NUMBER: 60/081070
OR PILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/081817
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OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082706
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082707
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/083336
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083392

Polypeptides

and

Nucleic

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe US-09-999-829A-564
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US-09-978-299A-564/c
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 564
LENGTH: 21
                                                                                  APPLICANT:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C61

CURRENT APPLICATION NUMBER: US/09/999,829A

CURRENT FILING DATE: 2002-03-19

NUMBER OF SEO ID NOS: 624
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                          INFORMATION:
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                                                                                                                                                                                                                                    : Ashkenazi, Avi
: Baker Kevin P.
: Botstein, David
: Desnoyers, Luc
                                                               Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L. Hillan, Kenneth J Kljavin, Ivar J. Kuo, Sophia S.
                                                                                                                                        Fong, but and Gao, Wei-Qiang
                                                                                                                                                                                    Ferrara, Napoleon Filvaroff, Ellen
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Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Botstein, David
                                                                                                                                                                                                                         Eaton,
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                                                                                                                                                                                                                                                                                                                      Application US/09978299A
5. US20030199435A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Wei-Qiang
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                                                                                                                                                                                                                       Dan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dan
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f, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 15.2; DB 1
Pred. No. 2.1e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                See File Wrapper or Palm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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                                                                                                                                                                                      PRIOR
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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DR APPLICATION NUMBER: 60/080107
DR FILLING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080165
DR FILLING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080194
DR FILLING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080327
DR APPLICATION NUMBER: 60/080327
DR FILLING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/080328
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/079786
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
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FILING DATE: 1998-03-20
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FILING DATE: 1998-03-20
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FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078004
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                                                                                                                                                      APPLICATION NUMBER: 60/080105 FILING DATE: 1998-03-31
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                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/079728
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Stewart, Timothy A.
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
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OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05
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OR FILING DATE: 1998-05-05
R APPLICATION NUMBER: 60/01
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R FILING DATE: 1998-04-01
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796
FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082804
FILING DATE: 1998-04-22
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568
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FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
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FILING DATE: 1998-04-15
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US-09-978-544A-564/c
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Matches 17
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OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
OR APPLICATION NUMBER: 60/085582
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OR APPLICATION NUMBER: 60/08570
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OR APPLICATION NUMBER: 60/08569
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FILING DATE: 1990-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1990-05-15
APPLICATION NUMBER: 60/085697
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'APPLICATION NUMBER: 60/084640
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084627
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
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                                                                                                                                   Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                Pan,
                Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy /
                                                                                                                                                                                                                                                                                Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                        Fong,
                                                                                                                                                                                                                                                                                                                                                               Filvaroff,
                                                                               Paoni,
                                                                                                                   Napier, Mary A.
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                                                                             James;
ii, Nicholas
                                                                                                                                                                                                                                                                                                                         Wei-Qiang
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Ef, Ellen
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Pred. No. 2.1e+02,
0; Mismatches
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CURRENT FILING DATE: 2002-03-19
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted
TITLE OF INVENTION: Acids Er
FILE REFERENCE: P2630P1C13
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OR FILING DATE: 2001-07-30
OR APPLICATION NUMBER: 60/06250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078086
DR APPLICATION NUMBER: 60/080328
DR FILING DATE: 1998-04-01
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DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/080334
DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/081070
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DR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-03-27
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R FILLING DATE: 1998-03-31
R APPLICATION NUMBER: 60/0
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DR FILLING DATE: 1998-04-08
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RESULT 132
US-09-978-665A-564/c
                                      APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Shelton, David L.
APPLICANT: Steelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tummas, Daniel
APPLICANT: Tummas, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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OR FILING DATE: 1998-05-15
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OR FILING DATE: 1998-05-13
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Hillan, Kenneth J
Kljavin, Ivar J.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Botstein, David
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Filvaroff,
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APPLICATION NUMBER: 60/079664
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
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OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-25
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082707
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OR FILING DATE: 1998-05-06
OR PILING DATE: 1998-05-07
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
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OR APPLICATION NUMBER: 60/083559

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OR APPLICATION NUMBER: 60/083500

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083742

OR FILING DATE: 1998-04-30

OR APPLICATION NUMBER: 60/084366

OR APPLICATION NUMBER: 60/084414

OR APPLICATION NUMBER: 60/084414

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084414

OR FILING DATE: 1998-05-06
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DR APPLICATION NUMBER: 60/084627

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084643

DR APPLICATION NUMBER: 60/084533

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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083558
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083545
FILING DATE: 1998-04-29
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062311
PRIOR APPLICATION NUMBER: 60/063311
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DR FILLING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085580
DR FILLING DATE: 1998-05-15
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DR APPLICATION NUMBER: 60/085704
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BR FILLING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
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Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Grimaldi, J. Christopher
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Gerritsen, Mary E
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                                                                                                                                                                                                                                                                                Paoni,
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Hillan, Kenneth J
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D. US20030199674A1
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f, Ellen
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OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080165
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
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OR APPLICATION NUMBER: 60/080328
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OR APPLICATION NUMBER: 60/081070
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/08195
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/08125
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OR APPLICATION NUMBER: 60/08195
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OR FILING DATE: 1998-03-20
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OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
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OR APPLICATION NUMBER: 60/079663
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DR FILLING DATE: 1998-03-13
DR APPLICATION NUMBER: 60/07886
DR FILLING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
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RR FILING DATE: 1998-03-27
RR APPLICATION NUMBER: 60/07
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R APPLICATION NUMBER: 60/
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R APPLICATION NUMBER: 60/00
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APPLICATION NUMBER: 60/077641
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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082790
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OR APPLICATION NUMBER: 60/083495
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-09-999-831A-564
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Query Match
Best Local Similarity
Marches 17; Conserv
                                                                                                                                 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P.630P.1C68
CURRENT APPLICATION NUMBER: US/09/999,831A
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
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Best Local
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                                                                                                                  ORGANISM: Artificial Sequence
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                                                                                                   FEATURE:
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/08580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR APPLICATION NUMBER: 60/08573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
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17; Conserv
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
Wood, William I.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Filvaroff, Ellen
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Botstein, David
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           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sophia S.
er, Mary A.
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                      1.1%;
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Pred. No. 2.1e+02;
         Score 15.2; DB 1; Length 21; Pred. No. 2.1e+02; O; Mismatches 3; Indels
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RESULT 136
US-10-167-749-564/c
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                            GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
                                                                                                                          Sequence 564, Application US/10167749 Publication No. US20030056137A1
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Publication N
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC69
CURRENT APPLICATION NUMBER: US/10/017,081A
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
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                                                                                                                                                                                                                                                                                                Local
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                               Desnoyers, Luc
Eaton, Dan
                                                              Botstein, David
                                                                            Baker Kevin P.
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Grimaldi, J. Christopher
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Desnoyers, Luc
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Hillan, Kenneth J
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Filvaroff, Ellen
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o. US20030049684A1
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Kuo, Sophia S.
                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                              0; Mismatches
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Pred. No. 2.1e+02
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Ferrara, Napoleon Filvaroff, Ellen

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APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C60
CURRENT APPLICATION NUMBER: US/10/167,749
CURRENT FILING DATE: 2001-079
PRIOR APPLICATION NUMBER: 09/91898
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06231
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
                                                                                                                                                    RESULT 137
US-10-013-921A-564/c
                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-564
Sequence 564, Application US/10013921A
publication No. US20030068648A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Batker Kevin P.
APPLICANT: Botkerein, David
APPLICANT: Botseein, David
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                              Matches
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Local Similarity 85.0%;
hes 17; Conservative
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hanspeter
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APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C84
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
CURRENT FILING DATE: 2002-03-19
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PRIOR FILING DATE: 2001-07-30
PRIOR PELIVAGION UNMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR PELIVAGION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR PELIVAGION NUMBER: 60/066364
PRIOR PELIVAGION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
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OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
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OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
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OR APPLICATION NUMBER: 60/079664
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/078939
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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DR FILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/079923

DR FILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080107

DR APPLICATION NUMBER: 60/080107

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

DR FILING DATE: 1998-03-31

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RESULT 138
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; Sequence 564, Application US/10013929A
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OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
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OR APPLICATION NUMBER: 60/085582
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OR APPLICATION NUMBER: 60/085580
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DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083500
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083742
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DR APPLICATION NUMBER: 60/084366
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APPLICATION NUMBER: 60/084414
FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06
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FILING DATE: 1998-05-15
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Gao, Wei-Qiang
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Baker Kevin P.
Botstein, David
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Gao, Wei-warn
Gerber, Hanspeter
Corritsen, Mary E
                                                                                   Ferrara, Napoleon
Filvaroff, Ellen
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
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OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
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OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR APPLICATION NUMBER: 60/083554
OR APPLICATION NUMBER: 60/083559

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APPLICAMY: WILLIAMS; WILLIAMS; WILCHEY
APPLICAMY: WOOD, WILLIAMS; 
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Hillan, Kenneth J
Kljavin, Ivar J.
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Shelton, David L.
Stewart, Timothy A.
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ms, P. Mickey
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J. Christopher
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
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DR FILING DATE: 1998-04-28
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OR FILING DATE: 1998-04-09
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APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
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APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
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APPLICATION NUMBER: 60/081049
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070
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FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/ FILING DATE: 1998-05-06 FILING DATE: 1998-05-05 APPLICATION NUMBER: 60/084414

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60/084441

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RESULT 139
US-10-016-177A-564/c
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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                                              APPLICANT:
              APPLICANT:
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APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085339
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085573
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FILING DATE: 1998-05-07
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           Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                          Gerber, Hanspeter
Gerritsen, Mary E.
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Kljavin,
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Pred. No. 2.1e+02;
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RESULT 141
US-10-166-709A-564/c
US-10-166-709A-564/c
; Sequence 564, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:

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                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence:Primer US-10-176-422A-4
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US-10-176-422A-4
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
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SOFTWARE: Microsoft Office 97
SEQ ID NO 4
                                                                   Matches
                                                                                                    Query Match
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APPLICANT: Hendrickson, Edwin R
APPLICANT: Hendrickson, Edwin R
APPLICANT: Fitzpatrick-McElligott, Sandra
APPLICANT: Perry, Michael p
TITLE OF INVENTION: A Method for the Amplification and Detection of TITLE OF INVENTION: Nucleic Acid Fragment of Interest
FILE REFERENCE: CR-9806 US CNT
CURRENT APPLICATION NUMBER: US/10/176,422A
CURRENT FILING DATE: 2002-08-13
PRIOR APPLICATION NUMBER: 09/125832
PRIOR FILING DATE: 1998-08-26
PRIOR FILING DATE: 1998-08-26
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TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PE630PIC90
CURRENT APPLICATION NUMBER: US/10/016,177A
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
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ORGANISM: Artificial Sequence
FEATURE:
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Stewart, Timothy A.
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Williams, P. Mickey
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 DR APPLICATION NUMBER: 60/079664
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079689
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079663
DR APPLICATION NUMBER: 60/079728
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Hillan, Kenneth J
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Ferrara,
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
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OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082707
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-28
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OR APPLICATION NUMBER: 60/081070
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OR APPLICATION NUMBER: 60/081049
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OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
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OR APPLICATION NUMBER: 60/083496
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RR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/080107
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RESULT 142
US-10-143-031A-564/c
; Sequence 564, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
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                                          GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICATION NUMBER: 60/084600
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06
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APPLICATION NUMBER: 60/083500
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083742
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17; Conserv
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Eaton, Dan
Ferrara, Napoleon
Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 2.1e+02;
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 APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: WOOd, William I.
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06220
PRIOR APPLICATION NUMBER: 60/064249
                                                                                            RESULT 143
US-10-143-030A-564/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE: ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-143-031A-564
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Best Local S
Sequence 564, Applic Publication No. US20 GENERAL INFORMATION:
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LENGTH: 21
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APPLICANT:
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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FILING DATE: 1997-11-21
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17; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
                            Application US/10143030A
o. US20030147901A1
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Grimaldi, J. Christopher
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Pred. No. 2.1e+02
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C33
CURRENT APPLICATION UNMBER: US/10/143,030A
CURRENT FILING DATE: 2002-08-27
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-311
RESULT 144
US-10-002-967A-564/c
US-10-002-967A-564/c
; Sequence 564, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
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                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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f, Ellen
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APPLICANT: Grimatol, J. Christopher
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Wood, William J.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William J.
APP
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/078910
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FILING DATE: 1998-03-26
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Gao, Wei-Qiang
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Gerritsen, Mary E.
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Botstein, David
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f, Ellen
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APPLICATION NUMBER: 60/079786
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30

OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080197
OR APPLICATION NUMBER: 60/080197
OR APPLICATION NUMBER: 60/080197
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/01
NR FILING DATE: 1998-04-01
NR APPLICATION NUMBER: 60/01
NR FILING DATE: 1998-04-08
NR APPLICATION NUMBER: 60/01
NR FILING DATE: 1998-04-08

60/080328 4-01 60/080333 4-01 60/080334 4-01 60/081070 4-08 60/081049

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01

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RESULT 145
US-10-017-083A-564/c
; Sequence 564, Application US/10017083A
; Publication No. US20030148376A1
· GENERAL INFORMATION:
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OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08359
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/08436
OR FILING DATE: 1998-05-06
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08469
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08469
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08460
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08463
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08568
OR APPLICATION NUMBER: 60/085570
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17; Conservative
                                                                           Ashkenazi, Avi
Baker Kevin P.
Botstein, David
Bosnoyers, Luc
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                      Filvaroff, Ellen
                                                              Eaton, Dan
    Sherman
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Pred. No. 2
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PRIOR

APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09

APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195 FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569

OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554

APPLICATION NUMBER: 60/0 FILING DATE: 1998-04-29

60/083392

OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR APPLICATION NUMBER: 60/082804
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322

Gao, Wei-Qiang

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RESULT 146
US-10-145-128A-564/c
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; ORANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/017,083A
CURRENT FILING DATE: 2001-10-24
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                            Sequence 564, Application No. US20 GENERAL INFORMATION
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Best Local (
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APPLICANT: Baker Kevin P.
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Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                           Gerber, Hanspeter
Gerritsen, Mary E.
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Shelton, David L.
Stewart, Timothy A.
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Godowski, Paul J.
Grimaldi, J. Christopher
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Filvaroff,
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Hillan, Kenneth J
                                                                                         Kljavin, Ivar J.
Kuo, Sophia S.
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Desnoyers, Luc
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Grimaldi, J. Cl
                                               Paoni, Nicholas F.
                                                            Pan, James;
                                                                         Napier, Mary A.
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f, Ellen
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CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-20
PRIOR PILING DATE: 1997-11-20
PRIOR PILING DATE: 1997-11-20
PRIOR PILING DATE: 1998-10-20
PRIOR PILING DATE: 1998-10-20
PRIOR FILING DATE: 1998-10-20
PRIOR FILING DATE: 1998-10-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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                                         APPLICANT:
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                        APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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                                                                             Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Gao, Wei-Qiang
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Gerritsen, Mary E.
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Botstein, David
Paoni, Nicholas F.
Roy, Margaret Ann
                                                             Napier, Mary A.
                                                                                                                                                                                                                                                                                                                       Filvaroff, Ellen
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                                         James;
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85.0%; Pred. No. 2.1e+02;
tive 0; Mismatches 3;
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CURRENT APPLICATION NUMBER: 09/017,191A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/063311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-21
PRIOR PRIOR PRILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PRILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/07791
PRIOR APPLICATION NUMBER: 60/07791
PRIOR APPLICATION NUMBER: 60/077904
PRIOR APPLICATION NUMBER: 60/077904
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/079294
PRIOR APPLICATION NUMBER: 60/079656
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PRIOR APPLICATION 
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P265016767
OR APPLICATION NUMBER: 60/07969
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/07963
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR PILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
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Stewart, Timothy
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  DR FILING DATE: 1998-04-28

OR APPLICATION NUMBER: 60/083392

OR PILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083495

OR APPLICATION NUMBER: 60/083496

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083499

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OR APPLICATION NUMBER: 60/083742

OR APPLICATION NUMBER: 60/083742

OR APPLICATION NUMBER: 60/084414

OR FILING DATE: 1998-04-29

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OR APPLICATION NUMBER: 60/084640
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DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081838
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082568
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082704
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082804
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082700
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DR APPLICATION NUMBER: 60/082797
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DR FILING DATE: 1998-04-23
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APPLICATION NUMBER: 60/
FILING DATE: 1998-04-09
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APPLICATION 1
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NUMBER: 60/081070
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084627

APPLICATION NUMBER: 60/084598

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US-10-143-028A-564/c
US-10-143-028A-564/c
, Sequence 564, Application US/10143028A
, Publication No. US20030180310A1
, GENERAL INFORMATION:
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav.
APPLICANT: Desnoyers, Lu
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
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FILING DATE: 1998-05-15
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                          Williams, P. Mic. Wood, William I.
                                                                                                                                                                                                               Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                   Baker Kevin P.
Botstein, David
Desnoyers, Luc
                                            Tumas, Daniel
Williams, P. Mickey
                                                                                        Roy, Margaret Ann
Shelton, David L.
                                                                                                                                                                                                                                                                                                                       Fong,
                                                                            Stewart,
                                                                                                                       Paoni,
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                                                                                                                                                                 Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                                                                                                                   Hillan, Kenneth J
                                                                                                                                                                                                              Gurney,
                                                                                                                                                                                                                                                              Goddard, Audrey
                                                                                                                                                                                                                                                                             Gerritsen, Mary E.
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Filvaroff, Ellen
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                                                                                                                                        James;
                                                                                                                                                                                                                                                                                                                           Sherman
                                                                                                                          Nicholas F.
                                                                                                                                                                                                                                                                                            Hanspeter
                                                                                                                                                     Mary A.
Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
                                                                          Timothy A.
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Pred. No. 2.1e+02;
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RESULT 149
US-10-143-029A-564/c
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CURRENT FILING DATE: 2001-07-39
PRIOR PELICATION NUMBER: 09/918585
PRIOR PELICATION NUMBER: 06/062250
PRIOR FILING DATE: 2001-07-30
PRIOR PELICATION NUMBER: 60/062250
PRIOR PELICATION NUMBER: 60/062250
PRIOR PELICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PELICATION NUMBER: 60/07450
PRIOR PELICATION NUMBER: 60/077450
PRIOR PELICATION NUMBER: 60/077632
PRIOR PELICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PILING DATE: 1998-03-11
PRIOR PELICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
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APPLICANT: Ashkenazi
APPLICANT: Baker Ke
APPLICANT: Botstein
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LENGTH: 21
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Similarity 85.0%;
                                                                                                                                                        Gerber, Hanspeter
Gerritsen, Mary E.
Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                     Fong, but...
Gao, Wei-Qiang
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                                       Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Baker Kevin P.
Botstein, David
                                                                                                                  Paoni,
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                                                                                                                                              Pan, James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eaton, Dan
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                                                                                                                  Nicholas F
                 Daniel
P. Mickey
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Pred. No. 2
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-3
PRIOR PPLICATION NUMBER: 60/065311
PRIOR PPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
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OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
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OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
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OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-11
DR FILING DATE: 1998-04-01

PR APPLICATION NUMBER: 60/080333

PR FILING DATE: 1998-04-01

PR APPLICATION NUMBER: 60/080334

PR FILING DATE: 1998-04-01

PR PELICATION NUMBER: 60/081070

PR FILING DATE: 1998-04-08

PR APPLICATION NUMBER: 60/081049

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FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/
FILING DATE: 1998-03-26
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APPLICATION NUMBER: 60/080328
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/08120
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NUMBER: 60/081071
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APPLICATION NUMBER: 60/084627

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APPLICANT:
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wold, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C31
CURRENT APPLICATION NUMBER: US/10/145,089A
CURRENT FILING DATE: 2002-09-04
CURRENT FILING DATE: 2002-09-04
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APPLICATION NUMBER: 60/08580
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/08573
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-07
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Similarity 85.0%;
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Botstein, David
Desnoyers, Luc
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Gao, Wei-Qiang
                                                                                                                                   Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Napier, Mary A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Pred. No. 2.1e+02;
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Publication
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Best Local Similarity
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Remaining Prior Application d
NUMBER OF SEQ ID NOS: 624
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C42
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TYPE: DNA
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OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/0665311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/076364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
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                                                       Tumas, Daniel Williams, P. Mickey Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Hillan, Kenneth J
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                                                                                                                                                                                                                    Sophia S.
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f, Ellen
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Pred. No. 2.1e+02
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RESULT 152
US-10-145-017A-564/c
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PRIOR FILING DATE: 2001-07-30
PRIOR REPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 564, Application US/10145017A Publication No. US20030186365A1 GENERAL INFORMATION:
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SEQ ID NO 564
LENGTH: 21
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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CURRENT FILING DATE: 2001-10-19
                APPLICANT:
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APPLICANT: Baker Kevin P
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FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Desnoyers, Luc
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Tumas, Daniel Williams, P. Mickey Wood, William I.
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                                                                                Margaret Ann
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Pred. No. 2.1e+02;
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PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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              APPLICANT
                              APPLICANT
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R FILLING DATE: 1998-03-11

DR APPLICATION NUMBER: 60/077649

DR FILLING DATE: 1998-03-11

DR APPLICATION NUMBER: 60/077791

DR FILING DATE: 1998-03-12
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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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Paoni, Nichter
Roy, Margaret Ann
Shelton, David L.
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                                                                                                                           Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
                                                                                           Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
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Grimaldi, J. Christopher
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Gerritsen, Mary E
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Filvaroff, Ellen
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o. US20030186368A1
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85.0%; Pred. No. 2.1e+02
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RESULT 154
US-10-013-926A-564/c
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, OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-564
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CURRENT APPLICATION NUMBER: US/10/164,728A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/91858
PRIOR PPLICATION NUMBER: 09/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
les 17; Conserv
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                               Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E.
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Williams, P. I
Paoni, Nicholas F
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                     James;
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Pred. No. 2.1e+02;
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US-10-165-247A-564/c
; Sequence 564, Application US/10165247A
; Publication No. US20030190321A1
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US-10-013-926A-564
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
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SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION
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Best Local (
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C80
                                                                                                            APPLICANT:
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                                    APPLICANT
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ORGANISM: Artificial Sequence
FEATURE:
                     PPLICANT
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Similarity 85.0%;
             Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
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Stewart, Timothy A.
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Sophia S
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Pred. No. 2.1e+02;
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Remaining Prior Application data removed - See File NUMBER OF SEQ ID NOS: 624

SEQ ID NO 564

LENCTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-564
                                                                                                                                                                                                                                                                                                                                      RESULT 156
US-10-145-124A-564/c
                                                                                                                                                                                                                                                                                  Sequence 564, Application US/10145124A Publication No. US20030190701A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
                                                                                           APPLICANT:
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR EILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                                        APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
                                                                           APPLICANT:
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PRIOR FILING DATE: 1998-03-12
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C41
                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/064249
PRIOR TILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                        Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff, Ellen
Fong, Sherman
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Eaton, Dan
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Shelton, David L.
Stewart, Timothy A.
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Pred. No. 2.1e+02;
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US-10-160-502A-564/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/145,124A
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PPLICATION NUMBER: 60/064249
PRIOR PPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/063311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                               Sequence 564, A Publication No.
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APPLICANT:
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   APPLICANT:
                     APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1998-03-11
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17; Conserv
           Fong, Snerman
Gao, Wei-Qiang
Gerber, Hanspeter
Geritaen, Mary E.
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Baker Kevin P.
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Wood, William I
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Shelton, David L.
Stewart, Timothy A.
                                                                                           Filvaroff, Ellen
   Gerritsen, Mary
Goddard, Audrey
                                                                                                                                    Eaton, Dan
                                                                                                                                                   Desnoyers, Luc
                                                                                                                                                                       Botstein, David
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o. US20030190703A1
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Kljavin, Ivar J.
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?.1e+02;
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Gaps

APPLICANT:

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APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nuclified OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C57
CURRENT APPLICATION NUMBER: US/10/160,502A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/91885
PRIOR APPLICATION NUMBER: 09/06250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-564
                                                                                                                                                                                                                                                                                                            RESULT 158
US-10-145-087A-564/c
                                                                                                                                                                                                                                                            Sequence 564, Application No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                   GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
                                                  APPLICANT:
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FILING DATE: 1998-03-11
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                                                                                                                                                                                                                                   INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                               395 GGCCGAAGGCCCGCAGGGTC 414
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Shelton, David L.
Stewart, Timothy A.
                                                Filvaroff, Ellen
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                                                                                                     Eaton, Dan
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Fong, Sherman
Gao, Wei-Qiang
                                                                                                                                                                                                                                                      Application US/10145087A
o. US20030194410A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Austin L.
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US-10-017-086A-564/c

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, David APPLICANT: Desnoyers, Luc

APPLICANT:

Desnoyers, Luc Eaton, Dan Ferrara, Napoleon

Sequence 564, Application US/10017086A Publication No. US20030194744A1

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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C47
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/92250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1998-03-10
                                                                                                                                                                                                                                       Remaining Prior Application data removed - See File NUMBER OF SEQ ID NOS: 624

SEQ ID NO 564

LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-087A-564
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RESULT 159
                                                                                                                                                            Query Match
                                                                                                                                                         Matches
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PRIOR FILING DATE: 1998-03-12
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
                                                                                                              395 GGCCGAAGGCCCGCAGGGTC 414
                                                                    20 GGCCGGAGGCCTTCAGGGTC 1
                                                                                                                                                         17;
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Stewart, Timothy A.
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Grimaldi, J. Christopher
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Goddard, Audrey
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Kuo, Sophia S.
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Hillan, Kenneth J
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                                                                                                                                                         Conservative
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ton, David L.
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                                                                                                                                                                            1.1%; Score 15.2; DB 1;
85.0%; Pred. No. 2.1e+02;
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                                                                                                                                                                                                   DB 1; Length 21;
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US-10-164-829A-564/c
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Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                       Sequence 564, Applic
Publication No. US20
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/017,086A
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                          Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Williams, P. Mickey Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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cao, Wei-Qiang
                                                                                 Gurney, Austin L.
Hillan, Kenneth J
                                                                                                            Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                         Ferrara, Napoleon
Filvaroff, Ellen
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                                        Napier, Mary A.
                                                     Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                                                       Goddard, Audrey
                                                                                                                                                    Gerritsen, Mary E.
                                                                                                                                                                                                                                                            Baker Kevin P.
Botstein, David
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Paoni, Nicholas F.
Roy, Margaret Ann
                            Pan, James;
                                                                                                                                                                                                                                    Eaton, Dan
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                                                                                                                                                                                                                                                                                                                  Application US/10164829A
o. US20030194780A1
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                                                                                                                                                                               Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 James;
                                                                                                                                                                                              Sherman
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Pred. No. 2.1e+02;
0; Mismatches 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 21;
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US-10-164-929A-564/c
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION.
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed • NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 564, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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APPLICANT:
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APPLICANT:
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                                                                                                           APPLICANT:
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1998-03-12
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                                                                        APPLICANT:
APPLICANT
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                   APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 GGCCGGAGGCCTTCAGGGTC 1
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17; Conservat
                                                 Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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                                    Kuo
                                                                                                                                               Gerritsen, Mary E. Goddard, Audrey
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Filvaroff, Ellen
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o. US20030194781A1
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                                Sophia S.
James;
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85.0%;
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Pred. No. 2.1e
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APPLICANT: Tunnes Desired:
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C36
CURRENT APPLICATION NUMBER: US/10/164,929A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/07450
PRIOR PILLING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-164-929A-564
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US-10-013-922A-564/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 564
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                        Sequence 564, Application US/10013922A
Publication No. US20030195345A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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Best Local Similarity
Matches 17; Conser
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 624
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OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
Desnoyers, Luc
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Stewart, Timothy A.
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Filvaroff, Ellen
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Pred. No. 2.1e
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CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR REPLICATION NUMBER: 60/064249
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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CURRENT APPLICATION:
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PRIOR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR PILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079786
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OR APPLICATION NUMBER: 60/66364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/ FILING DATE: 1998-04-08

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OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
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OR APPLICATION NUMBER: 60/084637
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OR APPLICATION NUMBER: 60/083499
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OR APPLICATION NUMBER: 60/083554
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OR APPLICATION NUMBER: 60/083558
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OR APPLICATION NUMBER: 60/083559
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
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OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
OR FILING DATE: 1998-04-08
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APPLICATION UMBER: 60/082797
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796
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FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
FILING DATE: 1998-04-15
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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US-10-020-445A-564/c
; Sequence 564, Application US/10020445A
; US20030198994A1
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OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084540
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OR APPLICATION NUMBER: 60/084598
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OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085333
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/085579
OR APPLICATION NUMBER: 60/08580
OR APPLICATION NUMBER: 60/085573
OR APPLICATION NUMBER: 60/085573
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085697
OR APPLICATION NUMBER: 60/085697
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Gao, Wei-Qiang
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Baker Kevin P.
Botstein, David
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Filvaroff
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Gerritsen, Mary E
Goddard, Audrey
    Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy 1
                                                                      Paoni,
                                                                                          Pan,
                                                                                                            Napier, Mary A.
                                                                                                                                                                                                                       Godowski, Paul J.
Grimaldi, J. Christopher
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ilarity 85.0%;
Conservative
                                                              James;
ii, Nicholas F
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f, Ellen
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Pred. No. 2.1e
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APPLICATION NUMBER: FILING DATE: 1998-04 APPLICATION NUMBER:

1998-04-22 1998-04-22 1998-04-2

APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-04

FILING DATE: 1998-04-1 APPLICATION NUMBER: 60 FILING DATE: 1998-04-2

OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/08
OR APPLICATION NUMBER: 60/08
OR FILING DATE: 1998-04-29

FILING DATE: 1998-04 APPLICATION NUMBER:

1998-04-

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CURRENT FILING DATE: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 05/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062311
PRIOR PILING DATE: 1997-11-31
PRIOR PILING DATE: 1997-11-33
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/07645
PRIOR APPLICATION NUMBER: 60/07641
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078936
PRIOR PILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078936
PRIOR PILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR PILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079640
PRIOR APPLICATION NUMBER: 60/079786
PRIOR APPLICATION NUMBER: 60/079640
PRIOR APPLIC
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.
APPLICANT: Wood, William I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C74
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Williams, P. Min
Wood, William J
Wood, Secret
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PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
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     OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR APPLICATION NUMBER: 60/084639
OR APPLICATION NUMBER: 60/084630
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083559
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OR APPLICATION NUMBER: 60/083336

OR APPLICATION NUMBER: 60/083322

OR APPLICATION NUMBER: 60/083322

OR FILING DATE: 1998-04-28

OR APPLICATION NUMBER: 60/083392

OR APPLICATION NUMBER: 60/083495

OR FILING DATE: 1998-04-29

OR FILING DATE: 1998-04-29

OR FILING DATE: 1998-04-29

OR FILING DATE: 1998-04-29
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R FILLING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083742
DR FILLING DATE: 1998-04-30
DR APPLICATION NUMBER: 60/084366
R FILING DATE: 1998-05-05
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APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
FILING DATE: 1998-04-15
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APPLICATION UNMBER: 60/082797
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796
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APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082804
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FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/082700
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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081229
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APPLICATION NUMBER: 60/081203
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Best Local
                  APPLICANT: Tumas, Danielly A.

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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CURRENT APPLICATION NUMBER: US/10/013,924A
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
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17; Conserv
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                                                                                               Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Botstein, David
                                                                                                                                                                           Napier,
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Godowski, Paul
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                                                                                                                                                             Pan, James;
                                                                                                                                                                                                        Kljavin,
                                                                                                                                                                                                                      Hillan, Kenneth J
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               ION: Acids Encoding the P2630P1C76
                                                                                                                                                                                       Sophia S.
                                                                                                                                             Nicholas F.
                                                                                                                                                                                                                                                                                                                                         Sherman
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Pred. No. 2.
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                                            Nucleic
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RESULT 165
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL
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Publication No
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TITLE OF IN
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR FILING DATE: 1998-03-12
                                              APPLICANT:
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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 INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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                                                                                                                                  Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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           Williams, P. r. wood, William
                                                         Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                                                          Pan,
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Desnoyers, Luc
                                              Tumas,
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Goddard, Audrey
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                                                                                                                          James;
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                              ms, P. Mickey
                                                                                                          Nicholas
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Pred. No. 2
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PRIOR PAPELICATION NUMBER: 09/918585
PRIOR PRIOR
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CURRENT FILLING DATE: 2002-04-30
Prior application removed - See File Wrappe
NUMBER OF SEQ ID NOS: 624
SEQ ID NOS: 624
SEQ ID NOS: 624
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/145,016A
CURRENT FILING DATE: 2001-10-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Gerritsen, Mary E.
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Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Acids Encoding the Same
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Pred. No. 2.
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RESULT 167
US-10-145-088A-564/c
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PRIOR FILING DATE: 1998-03-11
PRIOR PEPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 85.0%;
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                                  APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: ACCORDANCE
TOWNSENT APPLICATION NUMBER: 00/145,088A
CURRENT FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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Baker Kevin P.
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Shelton, David L.
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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o. US20030203434A1
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Godowski, Paul J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sherman
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Pred. No. 2.1e+02;
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-088A-564
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
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Best Local Similarity
Matches 17; Conserv
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             TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C45
CURRENT APPLICATION NUMBER: US/10/145,092A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/065311
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Godowski, Paul
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                                                                                                                                                                                                                                                                                                                                                                    Mary A.
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Pred. No. 2.1e+02,
); Mismatches
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US-10-145-129A-564/c
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publication No. US20030203436A1
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-12
PRIOR PILING DATE: 1998-03-12
PRIOR PILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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APPLICANT:
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APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PEGSOPICSI
CURRENT APPLICATION NUMBER: US/10/145,129A
CURRENT FILING DATE: 2002-10-10
CURRENT FILING DATE: 2002-10-10
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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17; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Goddard, Audrey
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                                                                                                                                                                                                                                                                                                               James;
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Pred. No. 2.1e+02;
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RESULT 170
US-10-165-038A-564/c
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US-10-145-129A-564
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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APPLICANT:
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                                   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C29
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PRIOR FILING DATE: 1998-03-10
CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
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APPLICANT: Baker Kevin P
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Local Similarity 85.0%;
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/065311
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Botstein, David
Desnoyers, Luc
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
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Williams, P. Mickey
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Filvaroff, Ellen
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US-10-165-353A-564/c
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SEQ ID NO 564
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PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1998-03-12
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           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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REFERENCE: P2630P1C40
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R APPLICATION NUMBER: 60/062250

R FILING DATE: 1997-10-17

R APPLICATION NUMBER: 60/064249

R FILING DATE: 1997-11-03
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
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                                           Tumas, Daniel Williams, P. Mickey Wood, William I.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Eaton, Dan
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5. US20030203442A1
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                                                                                                                                                          James;
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Pred. No. 2.1e+02
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; TYPE: DNA; ORGANISM: Artificial Sequence; PEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe US-10-165-353A-564
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US-10-167-600-564/c
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PRIOR FILING DATE: 2001-07-30
PRIOR PELICATION NUMBER: 60/062250
PRIOR PELING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 564, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local :
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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1 Similarity 85.0%;
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Hillan, Kenneth J
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Filvaroff, Ellen
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Kuo, Sophia S.
                                                                                                                  Paoni, Nicholas F.
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630PIC35
CURRENT APPLICATION UMMBER: US/10/167,600
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06341
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
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Matches
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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17; Conserv
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Botstein, David
                                                                  Paoni,
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Kuo, Sophia S.
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                                                              James;
ii, Nicholas F.
                                        Margaret Ann
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f, Ellen
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US-10-172-039A-564/c
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US-10-170-481A-564
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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LENGTH: 21
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C53
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APPLICANT: Baker Kevin P
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NUMBER OF SEQ ID NOS: 624
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nes 17; Conserva
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Botstein, David
Desnoyers, Luc
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
Goddard, Audrey
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                                  Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Paoni, Nicholas F
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nilarity 85.0%;
Conservative
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Pred. No. 2.1e+02;
0; Mismatches 3;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-564
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US-10-210-028-564/c
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CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/91585
PRIOR ETLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 564, Applic Publication No. US20 GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C30
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OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
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FILING DATE: 1997-11-21
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1 Similarity 85.0%;
17; Conservative
                                                           Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey E.
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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Desnoyers, Luc
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Filvaroff, Ellen
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Kljavin, Ivar J.
Kuo, Sophia S.
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CURRENT APPLICATION NUMBER: US/10/210,028
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILLING DATE: 1997-11-03
PRIOR PILLING DATE: 1997-11-03
PRIOR PILLING DATE: 1997-11-10
PRIOR PILLING DATE: 1997-11-10
PRIOR PILLING DATE: 1997-11-21
PRIOR PILLING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILLING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILLING DATE: 1998-03-11
PRIOR PILLING DATE: 1998-03-11
PRIOR PILLING DATE: 1998-03-11
PRIOR PILLING DATE: 1998-03-11
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-210-028-564
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; Sequence 564, Application US/10017085A
; Publication No. US20030204055A1
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Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
ENOTH: 21
TENOTH: 21
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Best Local (
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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hes 17; Conservation
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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Gerritsen, Mary E.
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Stewart, Timothy A.
                      Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Gao, Wei-Qiang
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Gurney, Austin L.
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Pred. No. 2.1e+02;
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FILE REFERENCE: P2630P1C73
CURRENT APPLICATION NUMBER: US/10/017,085A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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APPLICANT:
                         APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C79
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
CURRENT APPLICATION NUMBER: US/10/013,916A CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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Shelton, David L.
Stewart, Timothy A.
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Stewart, Timothy A.
Tumas, Daniel
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Kljavin, Ivar J.
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Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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5. US20030206915A1
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85.0%; Pred. No. 2.1e+02;
tive 0; Mismatches 3;
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APPLICANT: Shelton, David L.
APPLICANT: Shewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C58
CURRENT APPLICATION NUMBER: US/10/143,026B
CURRENT FILING DATE: 2003-05-09
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-564
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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APPLICANT: Baker Kevin P.
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ORGANISM: Artificial Sequence
                                          APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
                              APPLICATION NUMBER: 60/077641
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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60/077649
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Pred. No. 2.1e+02;
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APPLICANT: SLEWATE, Timothy A.
APPLICANT: Williams, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
APPLICANT: William I.
ITILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C77
CURRENT APPLICATION NUMBER: US/10/013,918A
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 85.0%;
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Shelton, David L.
Stewart, Timothy A.
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Botstein, David
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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o. US20030211091A1
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Pred. No. 2.1e+02;
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	PILING DATE: 1998-04-09 REPLICATION UNMEER: 60/081229 REPLICATION UNMEER: 60/081955 REPLICATION UNMEER: 60/081955 REPLICATION UNMEER: 60/081817 REPLICATION UNMEER: 60/081817 REPLICATION UNMEER: 60/081819 REPLICATION UNMEER: 60/081819 REPLICATION UNMEER: 60/081819 REPLICATION UNMEER: 60/081815 REPLICATION UNMEER: 60/081952 REPLICATION UNMEER: 60/081952 REPLICATION UNMEER: 60/081958 REPLICATION UNMEER: 60/081958	APPLICATION NUMBER: 60/07886 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078936 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078939 FILING DATE: 1998-03-26 APPLICATION NUMBER: 60/079294 FILING DATE: 1998-03-26 APPLICATION NUMBER: 60/079656 FILING DATE: 1998-03-26 APPLICATION NUMBER: 60/079664 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079669 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079663 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079728 APPLICATION NUMBER: 60/079728 APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079920 FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/080105 FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/080107 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080107 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-08	: 1998-03-11 : 1998-03-11 : 1998-03-11 NUMBER: 60/ : 1998-03-12 : 1998-03-13 : 1998-03-13

PRIOR

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CURRENT APPLICATION NUMBER: US/10/162,521A
CURRENT FILING DATE: 2002-11-29
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PRILING DATE: 1997-10-17
PRIOR PPLICATION NUMBER: 60/662250
PRIOR PPLICATION NUMBER: 60/66249
PRIOR PPLICATION NUMBER: 60/66311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PRILING DATE: 1998-03-11
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US-10-162-521A-564/c
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Best Local
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C55
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APPLICANT: Baker Kevin P
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
                      APPLICATION NUMBER: 60/077791 FILING DATE: 1998-03-12
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l Similarity 85.0%;
17; Conservative
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Stewart, Timothy A.
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Williams, P. Mickey
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Gerritsen, Mary E.
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Filvaroff,
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Kuo, Sophia S.
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Grimaldi, J. Christopher
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Desnoyers, Luc
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o. US20030211092A1
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f, Ellen
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  data removed -
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See File Wrapper or PALM
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US-10-013-928A-564/c
US-10-013-928A-564/c
; Sequence 564, Application US/10013928A
- C114metion No. US20030215905A1
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-521A-564
CURRENT APPLICATION NUMBER: US/10/013,928A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PILING DATE: 1998-03-11
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LENGTH: 21
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Stewart, Timothy A.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Margaret Ann
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RESULT 182
US-10-162-522A-564/c
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                          PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
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APPLICANT:
APPLICANT:
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/162,522A
CURRENT FILING DATE: 2002-10-10
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                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30
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APPLICATION NUMBER: 60/077641
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Stewart, Timothy A.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     ni, Nicholas F.
Margaret Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sophia S.
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                  1998-03-
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Pred. No. 2
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RESUL: 100
US-10-013-923A-564/c
; Sequence 564, Application US/10013923A
; Sequence 564, US20030216305A1
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                                              US-10-013-923A-564
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Matches
                                                                                      Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
              Query Match
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 Best Local Similarity
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APPLICANT:
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P265091C87
CURRENT APPLICATION NUMBER: US/10/013,923A
CURRENT FILING DATE: 2001-10-25
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APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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                                           FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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ORGANISM: Artificial Sequence
FEATURE:
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Gerritsen, Mary E.
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Grimaldi, J. Christopher
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Sophia S.
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                                                                                                                                                                                                                                                                                              Daniel
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1.1%;
85.0%;
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Pred. No. 2
 Score 15.2; DB 1;
Pred. No. 2.1e+02;
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                Length 21;
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US-10-013-927A-564/c
Sequence 564, Application US/10013927A
Publication No. US20030216561A1
GENERAL INFORMATION:
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US-10-013-925A-564/c
; Sequence 564, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
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// FEATURE:
// OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-564

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CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                            Query Match
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C83
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                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                               Local Similarity 85.0 nes 17; Conservative
                                                                                                                                                                                        395 GGCCGAAGGCCCGCAGGGTC 414
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Stewart, Timothy A.
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Desnoyers, Luc
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Pred. No. 2.1e+02;
0; Mismatches 3
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                                                                                                                                                                                                                                                          Length 21;
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Publication No.
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APPLICANT:
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Williams, P. Mickey
Wood, William I.
Paoni, Nicholas F.
Roy, Margaret Ann
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Shelton, David L.
Stewart, Timothy A.
                                                       Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                                                                                                       Gerber, Hanspeter
                                                                                                                                                                                                                                                                         Botstein, David
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Hillan, Kenneth J
Kljavin, Ivar J.
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Gerritsen, Mary E.
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                                         Napier, Mary A.
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Grimaldi, J. Christopher
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Prior Application removed - See File Wrapper or
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C88
CURRENT APPLICATION NUMBER: US/10/013,927A
CURRENT FILING DATE: 2001-10-25
CURRENT FILING DATE: 2001-10-25
                                                                                                                              OTHER INFORMATION: Synthetic oligonucleotide probe
Score 15.2; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 3;
                                                   Length 21;
     Gaps
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RESULT 187
US-10-013-919A-564/c
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CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/91885
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
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Best Local Similarity
Matches 17; Conserv
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Publication No. US20040005657A1
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APPLICANT:
APPLICANT:
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: 60/077641
APPLICATION NUMBER: 60/077649
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Wood, William
                                                   Gurney, Austin L.
Hillan, Kenneth J
                                                                                       Godowski, Paul J.
Grimaldi, J. Christopher
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Stewart, Timothy A.
Napier, Mary A.
               Kljavin, Ivar J.
Kuo, Sophia S.
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Pred. No. 2
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RESULT 188
US-10-013-920A-564/c
; Sequence 564, Application US/10013920A
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Best Local Similarity
Marches 17; Conserve
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CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION UNMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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LENGTH: 21
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1CB5
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/077450
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APPLICATION NUMBER: 60/077649
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Shelton, David L.
Stewart, Timothy A.
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             Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                   Gerritsen, Mary E. Goddard, Audrey
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Botstein, David
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Hillan, Kenneth J
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f, Ellen
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Pred. No. 2.1e+02
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-920A-564
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US-10-164-749A-564/c
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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CURRENT FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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FILE REFERENCE: P2630P1C60
CURRENT APPLICATION NUMBER: US/10/164,749A
CURRENT FILING DATE: 2001-10-19
                                                 APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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Local Similarity 85.0%;
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Stewart, Timothy A.
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Hillan, Kenneth J
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Godowski, Paul J.
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Filvaroff, Ellen
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Botstein, David
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Pred. No. 2.1e+02;
0; Mismatches 3;
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-564
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                               APPLICANT:
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Best Local
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
IIILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
IIILE OF INVENTION: Acids Encoding the Same
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TYPE: DNA
ORGANISM: Artificial Sequence
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OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
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FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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FILING DATE: 1997-11-21
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                               Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, Williams I.
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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Gao, Wei-Qiang
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Filvaroff, Ellen
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Hillan, Kenneth J
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Pred. No. 2.1e+02
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RESULT 192
US-10-735-592-13/c
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 09/850,351
PRIOR FILING DATE: 2001-05-07
PRIOR APPLICATION NUMBER: US 09/073,898
PRIOR APPLICATION NUMBER: US 09/073,898
PRIOR APPLICATION NUMBER: US 09/690,780
PRIOR APPLICATION NUMBER: US 60/029,848
PRIOR APPLICATION NUMBER: US 60/029,848
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Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                            Sequence 13, Application US/10735592 Publication No. US20040171571A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1996-10-30
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 21
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION: NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.2
SEQ ID NO 13
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Best Local S
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CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Polynucleotides, Pesticidal Proteins, and Novel Methods of Using FILE REFERENCE: MA-708CDC1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: 49C Primer A
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Pred. No. 2.1e+02;
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Pred. No. 2
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APPLICANT: Wyeth
APPLICANT: Uni, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 19356
LENGTH: 21
TYPE: RNA
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                                                                                                                  US-10-786-720-19356
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Matches
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GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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LENGTH: 21
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CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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ORGANISM: RNAi-sense strand
                                                                                                                                    ORGANISM: RNAi-antisense strand
                                y match 1.1%; Score 15.2; DB 1; Length 21; Local Similarity 35.0%; Pred. No. 2.1e+02; hes 7; Conservative 10; Mismatches 3: Indela
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  1235 TAGCTTCCTCATCTTTGTTT 1254
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17; Conser
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APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
LENGTH: 17
RESULT 197
US-10-287-949A-1071/c
US-10-287-949A-1071, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                               ; ORGANISM: Homo sapiens
US-10-138-674-1072
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US-10-138-674-1072/c
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; ORGANISM: Homo sapiens
US-10-138-674-1071
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US-10-138-674-1071/c
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Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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Publication No. US20040077565A1
GENERAL INFORMATION:
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Pred. No. 1.8e+02;
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1072
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                                                                                                                                                                                                           Sequence 9, Application US/09933638A Patent No. US20020160952A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1072
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CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1071
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APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT: Kazantsev, Aleksey G.
APPLICANT: Thompson, Leslie M.
APPLICANT: Thompson, Leslie M.
APPLICANT: HOUSEAN, David E.
TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
FILE REFERENCE: 01997-289001
CURRENT EPPLICATION UNMEER: US/09/933,638A
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 12
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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TYPE: RNA
ORGANISM: Homo sapiens
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Escobedo, Jaime
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100.0%; Pred. No.
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; TYPE: DNA
, ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-194-584-1
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Best Local Similarity
"arches 15; Conserv?
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; OTHER INFORMATION: Synthetically generated primer
US-09-933-638A-9
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APPLICANT: Logusch, Eugene W.
APPLICANT: Rao, Sudabathula
APPLICANT: Rao, Sudabathula
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
TITLE OF INVENTION: Wethods for controlling gibberellin levels
FILE REFERENCE: MOBT:216
CURRENT APPLICATION NUMBER: US/09/371,307A
CURRENT FILING DATE: 199-08-10
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Housman, David E.
APPLICANT: Preisinger, Elizabeth A.
APPLICANT: Kazantsev, Aleksey G.
APPLICANT: Kazantsev, Aleksey G.
TITLE OF INVENTION: METHODS OF SCREENING FOR AGENTS WHICH INHIBIT AGGREGATION
TITLE OF INVENTION: OF POLYPEPTIDES
FILE REFERENCE: 01997-261002
CURRENT APPLICATION NUMBER: US/10/194,584
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR FILING DATE: 1999-09-27
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                  Sequence 85, Application US/09371307A Patent No. US20020053095A1 GENERAL INFORMATION:
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Publication No. US20030027288A1
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                                                                                                                                                                                                                                                    APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Elich, Tedd D.
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ORGANISM: Artificial Sequence
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nes 15; Conservative
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100.0%; Pred. No. 1.9e+02;
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100.0%; Pred. No. 1.9e+C
Live 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-176-884-44/c
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Publication No. US20030152918A1
GENERAL INFORMATION:
APPLICANT: Academy of Applied Science
TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
TITLE OF INVENTION: Testing
                                                                        SEQ ID NO 44
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LENGTH: 19
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Best Local :
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                                                                                      TITLE OF INVENTION: Compositions and Methods for Modulating Plant TITLE OF INVENTION: Development FILE REFERENCE: 023070-116710US CURRENT APPLICATION NUMBER: US/10/176,884 CURRENT FILING DATE: 2002-06-21 PRIOR APPLICATION NUMBER: US 60/300,506 PRIOR APPLICATION NUMBER: US 60/300,506 PRIOR FILING DATE: 2001-06-22 NUMBER OF SEQ ID NOS: 91 NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                   APPLICANT:
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NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn Ver. 2
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CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/IB00/01607
PRIOR FILING DATE: 2000-11-06
                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Fischer, Robert
APPLICANT: Kinoshita, Tets
APPLICANT: Yadegari, Ramin
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ORGANISM: Artificial Sequence
FEATURE:
         LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Homo sapiens
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FEATURE:
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15; Conservative (
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Okamuro, Jack
Dang, Van-Dinh
                                                                                                                                                                                                                                                                    Ceres, Inc.
                                                                                                                                                                                                                                                                                   The Regents of the University of California
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84.2%; Pred. No. 2e+02;
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100.0%; Pred. No. 2e+02;
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/ OTHER INFORMATION: primer, oligo dTV
US-10-176-884-44
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US-10-177-478-1/c
                                                                                                                          PRIOR APPLICATION NUMBER: 60/177,963
PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 197
SOPTWARE: Patentin version 3.1
SEQ ID NO 196
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                                                                                                                                                                                                                                 TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerot TITLE OF INVENTION: Lesions FILE REFERENCE: 216019-143 CURRENT APPLICATION NUMBER: US/10/182,230 CURRENT APPLICATION NUMBER: US/10/182,230 CURRENT FILING DATE: 2003-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Chimeric Histone Acetyltransferase TITLE OF INVENTION: Polypeptides FILE REFERIOE: 11696-037001 CURRENT APPLICATION NUMBER: US/10/177,478 CURRENT FILING DATE: 2002-06-21 PRIOR APPLICATION NUMBER: U.S. 60/300,135 PRIOR APPLICATION OF SEQ 101-06-22 NUMBER OF SEQ 1D NOS: 45
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Leonardi, Amedeo APPLICANT: Sartani, Abraham APPLICANT: Glass, James R. APPLICANT: Sutcliffe, J. Grapplicant: Hasel, Karl W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Okamuro, Jack
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OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dire OTHER INFORMATION: ct sequencing
                                            ORGANISM: Artificial Sequence FEATURE:
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Local Similarity 84.2%;
es 16; Conservarium
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Sutcliffe, J. Gregor
Hasel, Karl W.
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Pred. No. 2e+02;
1; Mismatches
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Pred. No. 2e+02;
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APPLICANT: Logusch, Sherry J.

APPLICANT: Logusch, Sherry J.

APPLICANT: Baerson, Scott R.

FILE REFERENCE: 11899.0216.DVUS01 (MOST:216--1)

FILE REFERENCE: 11899.0216.DVUS01 (MOST:216--1)

CURRENT APPLICATION NUMBER: US/10/401,321

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 89

SOFTWARE: PatentIn version 3.2

SEQ ID NO 85

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer
APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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; OTHER INFORMATION: v stands for a, c, US-10-182-230-196
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Best Local S
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Publication No.
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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16; Conserv
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Elich, Tedd D.
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Rao, Sudabathula
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; Pred. No. 2e+0
1; Mismatches
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Pred. No. 2e+02;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-133-937-99
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; LCCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-11449 for SEQ 2501,
US-10-349-143-6435
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APPLICANT: Khan, Javed
APPLICANT: Khan, Carsten
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
TITLE OF INVENTION: DIAGNOSING, PROCNOSTICATING, AND/OR PREDICTING DISEASES AND
TITLE OF INVENTION: OTHER BIOLOGICAL STATES
FILE REFERENCE: 11613.56USO1
FILE REFERENCE: 11613.56USO1
CURRENT APPLICATION NUMBER: US/10/133,937
CURRENT FILING DATE: 2002-11-04
NUMBER: PATENTIAL OF INVENTION OF SEQ ID NOS: 99
SOUTWARE: PATENTIAL VERSION 3.1
SEQ ID NO 99
LENGTH: 21
TYPE: NA
APPLICANT: Khan, Javed
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Peterson, Carsten
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
FILE REFERENCE: 11613.56USI1
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/10/159,563
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 10/133,937
PRIOR FILING DATE: 2002-04-25
NUMBER OF SEQ ID NOS: 444
SOFTWARE: Patentin version 3.1
SEQ ID NO 99
INFORMATION OF SEQ ID NOS: 444
SOFTWARE: Patentin version 3.1
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20030207278A1
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Matches 15; Conservative 0;
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ORGANISM: Homo Sapiens
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Pred. No. 2
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0, 2.1e+02; o; Indels
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Sequence 84, Application US/09809545A

Patent No. US20020110804A1

GENERAL INFORMATION:
APPLICANT: Stanton, Lawrence W.
APPLICANT: White, R. Tyler
ITILE OF INVENTION: SECRETED FACTORS
FILE REFERENCE: SCIOS.017A
CURRENT APPLICATION NUMBER: US/09/809,545A
CURRENT FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 84
LENGTH: 18
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; OTHER INFORMATION: Primer US-10-159-563-99
                                                                ; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           문
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APPLICANT: HESTER, JEFFREY D.

APPLICANT: LINDQUIST, ALAN

APPLICANT: SCHAEFER, FRANK W.

TITLE OF INVENTION: IN-SITU HYBRIDIZATION PROBES FOR THE DETECTION OF INVENTION: MICROSPORIDIAL SPECIES

FILE REFERENCE: EPA-C132

CUCRENT APPLICATION NUMBER: US/09/954,225

CURRENT FILING DATE: 2001-09-18

PRIOR FILING DATE: 2001-09-21

PRIOR FILING DATE: 2000-09-21

NUMBER OF SEQ ID NOS: 28

SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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  Best Local Similarity
                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Species OTHER INFORMATION: specific probe for No. US20020102584Alema ceranae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1307 TTTTTTTTTTCAGAGA 1324
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1.1%;
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    Mismatches

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Pred. No. 2.3e+02
Score 14.8; DB 1;
Pred. No. 2.1e+02;
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US-09-961-077-1167/c
                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION IMFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1167, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
                                                         Best Local Similarity Matches 16; Conserv
                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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430 GCTGCGGCGCCGGCGACG 447
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                                                                                                                                                                   LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/961,077 FILING DATE: 21-Sep-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INVENTION: COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Skokut, Thomas A. Young, Scott A. Folkerts, Otto
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Merlo, Patricia Ann Owens
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                                                       Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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US-09-961-077-1169/c
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   RESULT 214
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                                                                                                                                  Matches
                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1169:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION UNIMER: 08/679,645
APPLICATION NUMBER: 08/679,645
FILING DATE: JULY 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: JULY 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                   NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTMARE: WOO'D Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION
                                                                                                                                                                                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 1169:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1263
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                                                                                              427 GCGGCTGCGGCGCCGGCG 444
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                                                                                                                                  l Similarity
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STATE: California
                                                                                                                                                                                                                                            LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                  Conservative
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                                                                                                                                                  1.1%;
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                                                                                                                                Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2
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                                                                                                                                                                       DB 1;
                                                                                                                                                                   Length 18;
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APPLICANT: Weiner, George
APPLICANT: Weiner, George
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (Aws)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT TILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR PILLNG DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOPTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 837
                                                                                                                                                                                                                                                                                     APPLICANT: WRIGHT, Peter E.

APPLICANT: WRIGHT, Peter E.

FILE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR

FILE REFERENCE: SCRIP1160.4

CURRENT APPLICATION NUMBER: US/09/500,700

CURRENT FILING DATE: 2003-01-10

PRIOR FILING DATE: 1997-05-27

PRIOR FILING DATE: 1997-05-27

PRIOR FILING DATE: 1996-12-30

PRIOR APPLICATION NUMBER: US 08/676,318

PRIOR APPLICATION NUMBER: PCT/US95/00829

PRIOR APPLICATION NUMBER: US 08/312,604

PRIOR FILING DATE: 1994-09-28

PRIOR FILING DATE: 1994-09-18

NUMBER OF SEQ ID NOS: 127

SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837
                                                                                                                                       ; OTHER INFORMATION: (GCG)6 probe US-09-500-700-68
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Best Local Similarity
Matches 16; Conserv
                                                                                    Query Match
                                                                                                                                                                                                                                                                            SEQ ID NO 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 68, Application US/09500700 Publication No. US20030059767A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: THE SCRIPPS RESEARCH INSTITUTE APPLICANT: BARBAS III, Carlos F. APPLICANT: GOTTESFELD, Joel M.
                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                      ENGTH: 18
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                                                              Local Similarity
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427 GCGGCTGCGGCGCCGGCG 444
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                                                              1.1%; Score 14.8;
88.9%; Pred. No. 2.
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Pred. No. 2
                                           Mismatches
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                                                                 2.1e+02;
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                                           Gaps
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APPLICANT: Brattler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913
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US-09-776-479-913/c
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publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity
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                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 913,
                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
                                                                                                       Best Local
                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                         OTHER INFORMATION: Synthetic Sequence
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                                       1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                     Similarity
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                                                                                                     Score 14.8;
Pred. No. 2
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Pred. No. 2
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RESULT 218

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Sequence 339, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

FILE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (NC/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTMARE: FastSEQ for Windows Version 3.0

SEQ ID NO 939

LENGTH: 18

TYPE: DNA

CENTRAL PARTICAL PROPERTY.
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APPLICANT: FOURCH, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEG ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEG ID NO 939
RESULT 220
US-09-370-541-14/c
US-09-370-541, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
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US-09-776-479-939/c
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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les 16; Conserv
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166 16; Conserv
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Pred. No. 2.1e
0; Mismatches
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Pred. No. 2.1e+02;
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                                                                                                                                                                        ; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides US-09-979-275A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-979-275A-7/c
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CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER APPLICATION NUMBER: 09/344,260
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                                                                                   Matches
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Best Local
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PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: JP 2000-78967
PRIOR RILING DATE: 2000-03-21
NUMBER OF SEQ ID NOS: 12
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: NAGAI, HIROSHI
APPLICANT: NAGAI, KYOKO
APPLICANT: NAKAJIMA, TERUMI
TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
TITLE OF INVENTION: ENCODING THE PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 037181.50611US
CURRENT APPLICATION NUMBER: US/09/979,275A
CURRENT FILING DATE: 2003-05-27
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APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxxy-Modified Nucleosidic Compounds And Oligomeric
TITLE OF INVENTION: Compounds Prepared Therefrom
FILE REFERENCE: ISIS3993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
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                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
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                                        1520 AAAAAAAAAAAAGTAAAA 1537
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18 AAAAAAAAAAAAAAAA 1
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Similarity 88.9%;
16; Conservative
                                                                                                     Similarity
                                                                                   Conservative
                                                                                                     1.1%;
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; Pred. No. 2.1e
0; Mismatches
                                                                              Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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RESULT 223
US-10-208-357-24
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US-10-125-295-9/c
                 Sequence 24, Application US/10208357 Publication No. US20020182687A1 GENERAL INFORMATION:
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Best Local
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APPLICANT: Kurz, Markus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 9:
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION MUBBER: US/10/125,295

FILING DATE: 17-Apr-2002

CLASSIFICATION: CURROWN>

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                             Local Similarity 88.9%; les 16; Conservanting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
to Preserve RNA and DNA
                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: modified_base
LOCATION: 13.18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                             1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                     18
                                                                                                                                                                   AAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94111-3834
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TELEFAX: (415) 5'
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Pred. No. 2.1e+02;
0; Mismatches 2;
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                                                                                                                               Sequence 913, Application US/10017995 Publication No. US20030055014A1 GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
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LENGTH: 18
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Best Local
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CURRENT APPLICATION NUMBER: US/80/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wagner, Richard

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT APPLICATION NUMBER: US/10/208,357

CURRENT FILING DATE: 2002-07-30

PRIOR APPLICATION NUMBER: US/09/619,103

PRIOR FILING DATE: 2000-07-19

PRIOR FILING DATE: 2000-07-27

NUMBER OF SEQ ID NOS: 26

NUMBER OF SEQ ID NOS: 26
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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Similarity 88.9%;
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Pred. No. 2.1e+02;
0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                       Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
                                                                                         by Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                  Length 18
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APPLICANT: You, Liang
APPLICANT: He, Biao
APPLICANT: He, Biao
APPLICANT: The Regents of the University of California
ITILE OF INVENTION: Methods of Amplifying Long Sense Stranc
FILE REFERENCE: 023070-119510US
CURRENT APPLICATION NUMBER: US/10/206,613
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 60/308,190
PRIOR APPLICATION NUMBER: US 60/308,190
PRIOR FILING DATE: 2001-07-27
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 226
US-10-017-995-939/c
                                                                                                                                                                                                                                                                                                                                                                                                                US-10-206-613-4/c
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; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913

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LENGTH: 18
TYPE: DNA
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Publication No. US20030055014A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)
                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/10206613 Publication No. US20030104432A1 GENERAL INFORMATION:
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SOFTWARE: FRANKSEQ for Windows Version 3.0
SEQ ID NO 913
LENGTH: 18
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2000-12-14
                                                                                                                                                                                                                                                                                                     APPLICANT: Xu, Zhidong
APPLICANT: Jablons, David
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TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                        ENGTH:
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Local Similarity 88.9%;
hes 16; Conservative
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nes 16; Conserv
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Pred. No. 2.1e.
0; Mismatches
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Pred. No. 2.1e+02;
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APPLICANT: MCAlpine, James B.
APPLICANT: Neilsen, Soren
APPLICANT: Neilsen, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Spencer, Marget E.
APPLICANT: Stafford, Angela
TITLE OF INVENTION: Methods for Identifying Genes Regulating
TITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/056,479A
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/263,807
PRIOR APPLICATION NUMBER: US 60/263,807
PRIOR APPLICATION NUMBER: US 60/263,007
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:oligo dT-18; OTHER INFORMATION: linker primer US-10-206-613-4
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PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.0
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Publication No.
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CURRENT APPLICATION NUMBER: US/10/314,405
CURRENT FILING DATE: 2002-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hidetoshi, Inoko
APPLICANT: Gen, Tamiya
APPLICANT: Yasunari, Matsuzaka
TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS II
                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bowen,
APPLICANT: Deaki
APPLICANT: Goldsr
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TYPE: DNA
ORGANISM: Homo sapiens
TYPE: DNA ORGANISM: Artificial Sequence
                                    ENGTH: 18
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Haudenschild, Christian
Houck, David
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Pred. No. 2
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Pred. No. 2
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; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-352-704-12
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; OTHER INFORMATION: Synthetic US-10-056-479A-15
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US-10-352-704-12/c
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (ge HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                  FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chatelain, Francois
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                                                                                                                                                                                                                                                                                                      LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: D.C
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536
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  Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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Pred. No. 2.1e+02;
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                                       Length 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION :536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO ANTI-CENTER OF THE PROPERTY OF 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
                                                                          1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chatelain, Francois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO
                                                                                                                                                                      16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 AAAAAAAAAAAAAAAAAA 1
1 AAAAAAAAAAAAAAAA 18
                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Washington D
STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: CDS
LOCATION: 1..18
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                                                                                                                                                                      Conservative
                                                                                                                                                                                                             1.18;
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                                                                                                                                                                  0
                                                                                                                                                         Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                     Length 18;
                                                                                                                                                                      Indels
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                                                                                                                                                                      Gaps
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RESULT 232 US-10-075-335-9/c ; Sequence 9, Application US/10075335

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TITLE OF INVENTION: ANTIBODIES TO CD40
FILE REFERENCE: ABX-PF/3 US
CURRENT APPLICATION UMBER: US/10/292,088
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/348,980
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 147
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 144
LENGTH: 18
TYPE: DNA
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/268,664
PRIOR FILING DATE: 2001-02-14
PRIOR PILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR FILING DATE: 2001-02-14
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/344,557
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/306,216
PRIOR APPLICATION NUMBER: 60/306,216
PRIOR PILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEO ID NOS: 10
                                                                                                                                                          US-10-292-088-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 144, Application US/10292088 Publication No. US20030211100A1
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Matches 16; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.1 SEQ ID NO 9
                                                                              Matches
                                                                                                Best Local Similarity
                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BEDIAN, VAHE
APPLICANT: GLADUE, RONALD P.
APPLICANT: CORVALAN, JOSE
APPLICANT: JIA, XIAO-CHI
APPLICANT: FENG, XIAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Methods and Compositions of Amplifying FILE REFERENCE: HO-P02202US2
                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ginsberg, APPLICANT: Che, Shac
                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Primer
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                                    1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 AAAAAAAAAAAGTAAAA 1537
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                                                                              Conservative
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                                                                     0;
                                                                                              Score 14.8; DB 1;
Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
                                                                              Mismatches
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                                                                                                                Length 18;
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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
ITILE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR FILING DATE: 1999-09-27
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 913
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                                                                                         ; OTHER INFORMATION: Synthetic Sequence US-10-314-578-939
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                                                                                                                               SEQ ID NO 939
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Publication No. US20
GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 913, Applic Publication No. US20 GENERAL INFORMATION:
    Matches
                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 939,
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: CI0139/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOPTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Krieg, Arthur M. APPLICANT: Schetter, Chris APPLICANT: Vollmer, Jorg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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                     Local
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o. US20030212026A1
  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US20030212026A1
                  1.1%;
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Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
                                          Length 18;
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    Indels
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  Gaps
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; Sequence 97, Application US/10389155
; Publication No. US20030229208A1
                                                                                                                                                   US-10-389-155-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 236
                                                                                                        Query Match
                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 97: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                       1.1%; Score 14.8; DB 1; Local Similarity 88.9%; Pred. No. 2.1e+02; hes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGERT INFORMATION:
NAME: Smith, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/389,155
FILING DATE: 13-Mar-2003
PRIOR APPLICATION NDATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-UTW-199
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PETENTIN Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                           present or absent" SEQUENCE DESCRIPTION: SEQ ID NO: 97:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                        FEATURE
                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Improved Humanized Immunoglobulins NUMBER OF SEQUENCES: 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Queen,
                                                                                                                                                                                                          NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: Two Embarcadero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/310,252 FILING DATE: 13-FEB-1989 APPLICATION NUMBER: US 07/590,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Townsend and
                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Schneider, William P.
Landolfi, Nicholas F.
Coelingh, Kathleen L.
Selick, Harold E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Co, Man Sung
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Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Version #1.30
                                                                                                           Length 18;
                                                                Indels
                                                                0;
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, OTHER INFORMATION: this sequence may encompass 12-18 nucleotides US-10-334-143-204
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US-10-271-602B-84
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US-10-334-143-204/c
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PRIOR FILING DATE: 2001-10-15
PRIOR PELICATION NUMBER: 60/329,428
PRIOR PILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR PILING DATE: 2002-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Loc
Matches
                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 204
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 84
LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 204, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 84, Ap
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                      APPLICANT: SUDARSANAM, SUCHA
TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
FILE REFERENCE: 038602/1543
CURRENT APPLICATION NUMBER: US/10/334,143
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: 60/343,169
PRIOR PELICATION NUMBER: 60/343,169
PRIOR FILING DATE: 2001-12-31
NUMBER OF SEQ ID NOS: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Alice Xiang Li
APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
FILE REFERENCE: eMAP-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 212
SOFTWARE: FastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH APPLICANT: SUDARSANAM, SUCHA
                                           FEATURE: TOTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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No. US20040002073A1
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Pred. No. 2.1e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; DB 1;
2.1e+02;
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                        in length
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Query Match

1.1%;

Score 14.8;

DB 1;

Length 18;

88.9%;

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밁
SEQUENCE DESCRIPTION: SEQ ID NO: 97: US-10-389-417-97
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                                                                                                                                                                                                                                                                                     TELEFAX: (415) 576-0
INFORMATION FOR SEQ ID NO: 97:
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:

APPLICATION UNMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-PEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE; nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: (TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
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                                                                                                                                               FEATURE:
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                                                  NAME/KEY: modified base
LOCATION: 13..18
OTHER INFORMATION: /mod base= OTHER
/note= "T at positions 13-18 may be
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                                                                                                                                                                                                                                                                                                                                                                                        NAME: Smith, William M. REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/389,417
FILING DATE: 13-Mar-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
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Landolfi, Nicholas F.
Coelingh, Kathleen L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Selick, Harold E
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0; Mismatches 2;
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APPLICANT: Deaki
APPLICANT: Golds
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APPLICANT: Pazoles, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Stafford, Angel E.
APPLICANT: Stafford, Angel a
TITLE OF INVENTION: Methods for Identifying Genes Regulating
TITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/785,744
CURRENT FILING DATE: 2004-02-23
PRIOR APPLICATION NUMBER: US/10/056,479
PRIOR APPLICATION NUMBER: US/0056,479
PRIOR APPLICATION NUMBER: US/00/056,479
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SEQ ID NO 15
LENGTH: 18
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Best Local Similarity
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APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
FILE REPERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
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                                                     SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according OTHER INFORMATION: to the specification as filed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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Similarity 88.9%;
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Haudenschild, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/10785744
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Neilsen, Soren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                David
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Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
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; OTHER INFORMATION: Synthetic US-10-785-744-15
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APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: CL037.70038US01
CURRENT PLILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 30, Application US/10628525 Publication No. US20040185114A1 GENERAL INFORMATION:
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Best Local (
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Publication No. US20040171571A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/628,525
PILING DATE: 28-Jul-2003
CLASSIFICATION: 800
                                                                                                                                                                                               COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan,
STREET: 5370 Manhattan Circle
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445
FILING DATE: 30-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                                                                                                                                                                                                                                                                   Guan, Hanping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Keeling, Peter
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                                                                                                                                                                                                                                                                                   STATE: CO
                                                                                                                                                                                                                                                                                                        CITY: Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.1%;
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Pred. No. 2.1e+02;
0; Mismatches 2;
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RESULT 245
US-09-917-138-2
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US-09-917-138-1/c
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Patent No. US20020031776A1
GENERAL INFORMATION:
APPLICANT: TULLIS, Richard
APPLICANT: STEIFFEL, Jerome
TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA
TITLE OF INVENTION: HYBRIDIZATION PROBES
FILE REFERENCE: 24730-2207B
                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 1
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                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/136,545
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/917,138
CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/580,358
PRIOR FILING DATE: 2000-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPAX: (303) 499-808
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                          OTHER INFORMATION: Oligonucleotide Primer NAME/KEY: modified_base LOCATION: (1)
OTHER INFORMATION: Biotinylation at the 5'
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                 LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: double TOPOLOGY: Not Relevant MOLECULE TYPE: cDNA to mRNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/026,855 FILING DATE: 30-SEP-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
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                                                                                                       1520 АААЛАЛАЛАЛАГТААЛ 1537
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                                                                                                                                                            Similarity
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                                                                      AAAAAAAAAAAAAAA 2
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TELEFAX: (303) 4
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                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.1%; Score 14.8; DB 1; 88.9%; Pred. No. 2.1e+02;
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Sequence 2, Application US/09917138

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CURRENT APPLICATION NUMBER: US/09/901,484A
CURRENT FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: US 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR PILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: US 60/099,658
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR APPLICATION NUMBER: US 09/218,907
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 09/338,526
PRIOR PILING DATE: 1999-06-31
PRIOR PILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 578
SOFTWARE: PatentIn version 3.1
SEQ ID NO 515
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US-09-901-484A-515/c
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
NAME/KEY: misc_feature
LOCATION:
                                 Query Match
Best Local !
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Patent No. US20020119460A1
GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ENZYMATIC LABELIING AND DETECTION OF TITLE OF INVENTION: HYBRIDIZATION PROBES FILE REFERENCE: 24730-2207B
CURRENT APPLICATION NUMBER: US/09/917,138
CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/580,358
PRIOR PELICATION NUMBER: 09/580,358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. US20020031776A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: GEN-T111XC3D2
                                                                                                          FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Combined DNA/RNA
                                                                                                                                                                                                                                                  ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TLE OF INVENTION: Prostate Cancer Gene
1.1%;
Local Similarity 88.9%;
tes 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jerome
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Pred. No. 2.2e+02;
0; Mismatches 2
      Score 14.8; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 2;
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                                                 Length 19;
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           Indels
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           <u>,</u>
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           Gaps
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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1). (19)
; OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
US-09-901-484A-526
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APPLICANT: Ilya, Chumakov

APPLICANT: Bougueleret, Lydie
FILE REFERENCE: GENSET.18CPLCP

CURRENT APPLICATION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPLCP

CURRENT FILLING DATE: 2001-05-11

PRIOR APPLICATION NUMBER: 09/338,907

PRIOR FILING DATE: 1999-06-23

PRIOR FILING DATE: 1999-06-23

PRIOR FILING DATE: 1997-12-22

PRIOR APPLICATION NUMBER: 60/099,658

PRIOR FILING DATE: 1997-12-22

PRIOR FILING DATE: 1998-09-09

PRIOR FILING DATE: 1998-09-09

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/0918,207

PRIOR FILING DATE: 1998-12-22

NUMBER OF SEQ ID NOS: 578

SOPTWARE: Patent.pm
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PRIOR FILLING DATE: 1997-12-22
PRIOR PELLING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: US 60/099,658
PRIOR FILLING DATE: 1998-09-09
PRIOR PELLING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR FILLING DATE: 1999-06-23
PRIOR FILLING DATE: 1999-06-23
PRIOR FILLING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 578
                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 515, Application US/09853526 Patent No. US20020165345A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local
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CURRENT APPLICATION NUMBER: US/09/901,484A
CURRENT FILING DATE: 2001-07-09
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
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APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate Cancer Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 88.9%;
nes 16; Conservative
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Pred. No. 2
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US-09-970-971A-15/c
Sequence 15, Application US/09970971A
Publication No. US20030096979A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Îlya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR APPLICATION NUMBER: 09/218,207
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SOFTWARE: Patent.pm
SEQ ID NO 526
LENGTH: 19
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NAME/KEY: misc feature

LOCATION: 1..19

OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
3-09-853-526-515
                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                  APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, NAPPLICANT: Ilya, Chumako APPLICANT: Bougueleret,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1998-12-22
CURRENT APPLICATION NUMBER: US/09/970,971A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
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ENGTH: 19
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Local Similarity 88.9%;
hes 16; Conservative
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Local Similarity 88.9%;
es 16; Conservation
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                       ISIS4789
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Pred. No. 2.2e
O; Mismatches
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Pred. No. 2.2e+0
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                                        DNA Form and B-DNA Form Conformational
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; LOCATION: (1)...(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
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NUMBER OF SEQ ID NOS: 34

SOFTWARE PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
                                                                  Matches
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                                                                                                  Query Match
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APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -09-970-971A-16/c
                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/970,971A CURRENT FILING DATE: 2002-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISIS4789
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OTHER INFORMATION: P=0
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LOCATION: (16)..(19)
OTHER INFORMATION: 3'-O-MOE
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LOCATION: (16)..(19)
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                                 1520 AAAAAAAAAAAAGTAAAA 1537
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Similarity 88.9%;
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Similarity 88.9%;
AAAAAAAAAAAAAAAAA 2
                                                                  Conservative
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Pred. No. 2
                                                                                Score 14.8; DB 1;
Pred. No. 2.2e+02;
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RESULT 252
US-09-970-971A-26/c
US-09-970-971A-26/c
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:

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RESULT 254
US-09-996-292A-55/c
US-09-996-292A-55/c
J Sequence 55, Application US/09996292A
J Publication No. US20030158403A1
J GENERAL INFORMATION:
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US-09-996-292A-54/c
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NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
LENGTH: 19
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CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 26
SEQ ID NO 26
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local :
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Best Local :
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APPLICANT: Maier, Martin A.
APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
APPLICANT: Rajeev, Kallanthottathil Gopalan
APPLICANT: Manoharan, Muthiah
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TITLE OF INVENTION: Oligonucleotides Having
FILE REFERENCE: ISIS4789
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                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature LOCATION: (19)...(19)
OTHER INFORMATION: N= |
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LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified
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OTHER INFORMATION: No.
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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les 16; Conserv
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Cook, Phillip Dan
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Pred. No. 2.2e.
0; Mismatches
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Pred. No. 2
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2.2e+02;
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RESULT 256 US-10-208-357-25

; Sequence 25, Applica ; Publication No. US20 ; GENERAL INFORMATION:

Application US/10208357

US20020182687A1

APPLICANT: Kurz, Markus APPLICANT: Lohse, Pete

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APPLICANT: Maier, Martin A.

APPLICANT: Prakash, Thazha P.

APPLICANT: Rajeev, Kallanthottathil Gopalan

FILE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides

FILE REFERENCE: ISIS-4804

CURRENT APPLICATION NUMBER: US/09/996,292A

CURRENT FILING DATE: 2001-09-28

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.1

SEQ ID NO 55

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-06-27
PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                           LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/10096221
Publication No. US20020164628A1
                                                                        Matches
                                                                                      Query Match 1.1%;
Best Local Similarity 88.9%;
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KLTA, NUTİTH
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: Completely synthetic sequence
FEATURE:
NAME KEY: misc feature
LOCATION: (19)...(19)
OTHER INFORMATION: N= G-clamp modification
                                  1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                      Score 14.8; DB 1
Pred. No. 2.2e+02
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Pred. No. 2.2e+02;
0; Mismatches 2
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FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                         RESULT 258
US-10-123-597-2/c
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               GENERAL INFO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION INVESER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.9
Matches 16; Conservative
                                                   Sequence 2, Application US/10123597 Publication No. US20030078415A1
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Publication No. US20030078415A1
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Best Local :
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regisselective Synthesis
FILE REFERENCE: ISIS5040
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TITLE OF I
 APPLICANT:
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 19
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OF INVENTION: Peptide Acceptor Ligation Methods
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                 INFORMATION:
ANT: Cook, Phillip
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Kawasaki, Andrew M
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Pred. No. 2.2e
0; Mismatches
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Pred. No. 2.2e+02;
D; Mismatches 2;
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US-10-123-597-3/c
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regionelective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: IS185040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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Best Local :
                                                                                                             Query Match
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Eraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequenc NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                              LENGTH: 19
TYPE: DNA
                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15). (18) OTHER INFORMATION: 2'-methoxyethoxy
                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                          Local
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88.9%; Pred. No. 2.2e+02
ive 0; Mismatches
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                                                                                                             Length 19;
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RESULT 260 US-10-123-597-4/c

Sequence 4, Application US/10123597 Publication No. US20030078415A1

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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5, Application US/10123597 Publication No. US20030078415A1
                                                                                                         Query Match
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISISS040
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muti
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                       LENGTH: 19
TYPE: DNA
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                                                                                                                                                          FEATURE:
OTHER INFORMATION: Description of Artificial
NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16). (19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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Local Similarity 88.9%;
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                                                                       l Similarity 88.9
16; Conservative
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Manoharan, Muthiah
Prakash, Thazha P
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Pred. No. 2.2e
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Pred. No. 2.:
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                                                                                        2.2e+02;
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RESULT 262

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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: ISISSOÑO
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEO ID NOS: 28
SOPTWARE: Patentin version 3.1
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APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
PERTURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (18)...(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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APPLICANT: Kawasaki, Andre
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APPLICANT: Kawasaki, Andre
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OTHER INFORMATION: 5-methyl-2'-O-propyl
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Prakash, Thazha P
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                                                                                Conservative
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Pred. No. 2.2e+02;
0; Mismatches 2
                                                                                Score 14.8; DB 1
Pred. No. 2.2e+02
0; Mismatches
                                                                                                                            DB 1;
                                                                                                                       Length 19;
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FILE REFERENCE: ISIS5040

CURRENT APPLICATION NUMBER: US/10/123,597

CURRENT FILING DATE: 2002-07-10

PRIOR APPLICATION NUMBER: 09/227,782

PRIOR FILING DATE: 1999-01-08

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PALENTIN VERSION 3.1

SEQ ID NO 12

LENGTH: 19
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US-10-123-597-8/c
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US-10-123-597-12/c
                                                                                       US-10-123-597-12
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Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mannharan, Muthiah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
APPLICANT: Prakash, Thazha
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Best Local :
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  Best Local Similarity 88.9%;
Matches 16; Conservative
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                                          Query Match
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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APPLICANT: Mancharan, Muthiah
APPLICANT: Prakesh, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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                                                                                                  NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                        TYPE: DNA
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Prakash, Thazha P
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Pred. No. 2.2e
0; Mismatches
Score 14.8; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 2;
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US-10-123-597-15/c
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SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
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                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Mutl
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakesh, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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                                                       NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-me
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                          OTHER INFORMATION: Description
                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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Manoharan, Muthiah
Prakash, Thazha P
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                                                                5-methyl-2'-dimethylaminooxyethoxy
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1.1%;
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; Pred. No. 2.2e
0; Mismatches
  Score 14.8;
                                                                                                                          of Artificial Sequence: Synthetic construct
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    DB 1;
Length 19;
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Sequence 22, Application US/10100321
Publication No. US20030087251A1
GENERAL INFORMATION:
APPLICANT: KULTI, NULTITHOUS AND COMPOSITIONS FOR TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES FILE REFERENCE: 49269200500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
INMEDIO CE 507 TO NOTE: 2001-03-09
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US-10-123-597-25
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 22
LENGTH: 19
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
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Best Local :
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Matches 16; Conservative
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
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OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (15)..(18)
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vo. US20030078415A1
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Pred. No. 2.
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APPLICANT: Krotz, Achim
APPLICANT: Cole, Douglas
APPLICANT: Gole, Douglas
APPLICANT: Guzaev, Andrei
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
TITLE OF INVENTION: Compounds
FILE REFERENCE: ISIS3380
CURRENT APPLICATION NUMBER: US/10/232,881
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US/09/288,679
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US/09/288,679
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEG ID NOS: 7
SECTION REPORT OF SEG ID NOS: 7
SECTION REPORT OF SEG ID NOS: 7
                                                            ; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; PEATURE:
; PEATURE:
; OTHER INFORMATION: No. US20030088088A1el Sequence
US-10-232-881-1
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                                                                                                                                                                                      SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/10232881
Publication No. US20030088088A1
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Query Match
Best Local Similarity
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR PELICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ravikumar, Vasulinga APPLICANT: Manoharan, Muthia
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OTHER INFORMATION: Primer
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Local Similarity 88.98;
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Pred. No. 2
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Pred. No. 2.2e+02;
Score 14.8; DB 1;
Pred. No. 2.2e+02;
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CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-3
                                        NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                            APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatzaman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                              FILE REFERENCE: Isis-4406
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FILE REFERENCE: Isis-4406
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APPLICANT: Mohan, Venkatraman
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
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Pred. No. 2
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SEQ ID NO 13
LENGTH: 19
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Best Local
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Publication No. US20030092046A1
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Best Local
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CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry FILE REFRENCE: IS183310 CURRENT APPLICATION NUMBER: US/10/098,816 CURRENT FILING DATE: 2002-04-19 PRIOR APPLICATION NUMBER: US/09/303,586 PRIOR FILING DATE: 1999-05-03 NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                   APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatraman
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
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APPLICANT: Cook, Philip Dan
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LOCATION: (19)..(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl)
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NAME/KEY: misc_feature
LOCATION: (19)..(19)
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LOCATION: (17) ... (17)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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88.9%; Pred. No. 2.
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Pred. No. 2
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NAME/KEY: misc feature; LOCATION: (18)...(19); OTHER INFORMATION: 2'-US-10-098-816-16
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US-10-098-816-16/c
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 16
                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
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APPLICANT: Mohan, Venkatraman
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OTHER INFORMATION: 2' -
                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (17)..(18)
                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature LOCATION: (16)..(17) OTHER INFORMATION: 2'
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OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (17)..(18)
OTHER INFORMATION: 3' -
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LOCATION: (18)..(19)
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LOCATION: (16)..(17)
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OTHER INFORMATION: Oligonucleotide
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                              y Match 1.1%;
Local Similarity 88.9%;
hee 16; Conservative
1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                          O-MOE linkage
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                              Score 14.8; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 2;
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Pred. No. 2.2e+02;
                                                                  Length 19;
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RESULT 277
US-10-098-816-17/c
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US-10-098-816-18/c
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Best Local S
Matches 16
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FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
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CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION STATES 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatrama
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LOCATION: (19) ...(19)
OTHER INFORMATION: 3' - O-MOE linkage
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LOCATION: (18)..(19)
OTHER INFORMATION: 3'
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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NAME/KEY: misc_feature
LOCATION: (17)..(18)
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ORGANISM: Artificial Sequence
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No. US20030105311A1
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Pred. No. 2.2e+02;
0; Mismatches 2;
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DN
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 19
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; Sequence 26, Application US/10098816
; Publication No. US20030105311A1
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, NAME/KEY: misc feature
; LOCATION: (19)...(19)
; OTHER INFORMATION: 2' -
US-10-098-816-18
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                                                                                                          PEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified
FEATURE:
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OTHER INFORMATION: Oligonucleotide
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NAME/KEY: misc_feature
17)..(18)
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NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2' -
NAME/KEY: misc_feature LOCATION: (18)...(19)
                                                       NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-modified
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                                                                                                                                                                                                                                                                              TYPE: DNA
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LOCATION: (15)..(16)
OTHER INFORMATION: sub O linkage
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NAME/KEY: misc_feature
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les 16; Conserv
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Pred. No. 2.
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RESULT 281
US-10-251-117-3/c
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                                                     CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR TILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
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                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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SEQ ID NO 1
LENGTH: 19
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TITLE OF INVENTION: RNA Interference Mediated Inhibition
TITLE OF INVENTION: Gene Expression Using Short Interfer
FILE REFERENCE: 900/042 (MBHB02-468-A)
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TITLE OF INVENTION: C3'-Methylene Hydrogen
FILE REFERENCE: ISIS-3312
CURRENT APPLICATION NUMBER: US/10/322,242
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/09/349,033
PRIOR FILING DATE: 1999-07-07
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                 PRIOR APPLICATION NUMBER: US 60/296,249 PRIOR FILING DATE: 2001-06-06
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LOCATION: (19).(19)
OTHER INFORMATION: 2'-modified T linkage
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ilarity 88.9%;
Conservative
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Pred. No. 2.2e+02;
0; Mismatches
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; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-251-117-3
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Publication No. US20030175906A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patentin version 3.0
SEQ ID NO 252
LENGTH: 19
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Best Local Similarity
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APPLICANT: MCSWiggen, James

APPLICANT: MCSWiggen, James

APPLICANT: MCSWiggen, James

TITLE OF INVENTION: Gene Expression Using Short Interfering RNA

FILE REFERENCE: 900/042 (MBHB02-468-A)

CURRENT APPLICATION NUMBER: US/10/251,117

CURRENT FILING DATE: 2003-02-24

PRIOR APPLICATION NUMBER: US 60/393,924

PRIOR APPLICATION NUMBER: US 10/163,552

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/358,580

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APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS4948
CURRENT APPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR PILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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Local Similarity 88.9%;
hes 16; Conservative
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o. US20030170891A1
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Pred. No. 2.2e+02;
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Pred. No. 2.2e+02
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; OTHER INFORMATION: No. US20030175906A1el Sequence; NAME/KEY: misc_feature; LOCATION: (19)...(19) OTHER INFORMATION: N= phenoxazine US-10-013-295-54
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US-10-013-295-55/c
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PRIOR APPLICATION NUMBER: PCT/EP01/01760
PRIOR FILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00970022.1
PRIOR FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 60/195,777
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: 00870320.9
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
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LENGTH: 19
TYPE: DNA
                                                                                                                                                           Sequence 52, Application US/10204254A

Publication No. US20030176649A1

GENERAL INFORMATION:
APPLICANT: VIKKULA, Miikka
TITLE OF INVENTION: VNGLOM gene and its mutations causing disorders with a vascular
FILE REFERENCE: DELCES9.001APC
CURRENT APPLICATION NUMBER: US/10/204,254A
CURRENT FILING DATE: 2002-08-16
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS4948
CURRENT APPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
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ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 88.9%;
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Pred. No. 2
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Pred. No. 2
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APPLICANT: WU, MING
APPLICANT: ULLMAN, EDWIN F.

APPLICANT: ULLMAN, EDWIN F.

APPLICANT: ULLMAN, EDWIN F.

APPLICANT: US DETECTION BY SLIDING TEMPLATE AMPLIFICATION

FILE REFERENCE: 3817.10-2

CURRENT APPLICATION NUMBER: US/10/371,600

CURRENT FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: 60/359,223

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: 60/379,360

PRIOR APPLICATION NUMBER: 60/379,360

PRIOR FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA; ORANISM: Artificial Sequence; FEATURE: FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
US-10-371-600-14
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US-10-371-600-14
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; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-52
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                       Sequence 16, Application US/10170172 Publication No. US20030190632A1 GENERAL INFORMATION:
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Best Local Similarity
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           TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISME TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
CURRENT FILING DATE: 2002-06-11
CURRENT FILING DATE: 2002-06-11
PRIOR APPLICATION NUMBER: US/08/986,065
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                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                      APPLICANT: SOSNOWSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
                                                                                                                                                                                                                                      PPLICANT:
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FILING DATE:
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                                                                                                                                                                                           HELLER, MICHAEL J
EDMAN, CARL F
                                                                                                                                                                                                                                    NERENBERG, MICHAEL I
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Pred. No. 2.2e+02
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Pred. No. 2.2e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Amine ; OTHER INFORMATION: conjugate to provide reactivity with dyes US-10-170-172-16
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US-10-205-309-650
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using TITLE OF INVENTION: Interfering RNA FILE REFERENCE: 900/033 CURRENT APPLICATION NUMBER: US/10/205,309 CURRENT FILING DATE: 2002-10-25 NUMBER OF SEQ ID NOS: 674 SOFTWARE: Patentin version 3.0 SEQ ID NO 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 325, Applic Publication No. US20 GENERAL INFORMATION:
                                                                      NUMBER OF SEQ ID NOS: 674
SOFTWARE: Patentin version 3.0
SEQ ID NO 650
LENGTH: 19
TYPE: RNA
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SOFTWARE: PatentIn Ver.
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                        Publication No. US200 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                               Sequence 650,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen; James TITLE OF INVENTION: RNA Interference MediTITLE OF INVENTION: Interfering RNA FILE REFERENCE: 900/033
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APPLICANT: McSwiggen, James
                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/205,309
CURRENT FILING DATE: 2002-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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                OTHER INFORMATION: Description of Artificial Sequence:
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                                    FEATURE:
                                                    ORGANISM: Artificial Sequence
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o. US20030190635A1
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88.9%; Pred. No. 2.20
Live 0; Mismatches
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Pred. No. 2.2e+02;
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                    siNA antisense region
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CURRENT APPLICATION NUMBER: US/10/331,109

CURRENT FILING DATE: 2002-12-27

PRIOR APPLICATION NUMBER: PCT/EP01/07575

PRIOR FILING DATE: 2001-07-02

PRIOR APPLICATION NUMBER: DE 100 33 334.6

PRIOR FILING DATE: 2000-07-01

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PATENTIN Ver: 2.1
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                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: DANCER: PRIOR DID NO 7292
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Best Local Similarity
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LENGTH: 19
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APPLICANT: Bickel, et al.
TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of molec
TITLE OF INVENTION: interactions on probe arrays
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                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Marta
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,
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ORGANISM: Artificial sequence
FEATURE:
                                                                               TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                         ENGTH: 19
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Pred. No. 2.2e+02;
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PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.2
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-359-328-26/c
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CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                      Sequence 26, Application US/10359328 Publication No. US20040009938A1 GENERAL INFORMATION:
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APPLICANT: Cook, Phillip Dan
TITLE OP INVENTION: WETHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILLING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR FILING DATE: 1999-08-06
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TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PEATURE: misc_feature LOCATION: (16)..(19)
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 88.9%;
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Pred. No. 2
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Pred. No. 2.2e+02;
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APPLICANT: Xu, Dongmei
APPLICANT: Xu, Dongmei
TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
TITLE OF INVENTION: Nicotiana
FILE REFERENCE: 78623
CURRENT APPLICATION NUMBER: US/10/387,346B
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR FILING DATE: 2002-11-13
PRIOR FILING DATE: 2003-01-10
PRIOR FILING DATE: 2003-01-10
PRIOR PRIOR PRIOR NUMBER: 10/340,861
PRIOR PRIOR DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/363,684
PRIOR PRIOR DATE: 2002-03-12
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, OTHER INFORMATION: sub-T)
US-10-359-328-26
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Best Local Similarity 88.9
                                                                                                                                                                                                                                                                                                                                                Sequence 246, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity
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       APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-09-18
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APPLICATION NUMBER: US 60/399,348
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5. US20040117869A1
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Pred. No. 2.2e+02;
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Pred. No. 2.2e+02;
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APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
ITILE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
ITILE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
FRIOR APPLICATION NUMBER: US 10/664,668
FRIOR APPLICATION NUMBER: PT/US 03/05022
FRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
FRIOR APPLICATION NUMBER: US 60/393,796
FRIOR FILING DATE: 2002-07-03
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                                          PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR PPLICATION NUMBER: US 10/306,747
PRIOR PILING DATE: 2002-11-27
PRIOR PILING DATE: 2002-01-27
PRIOR PILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR FILING DATE: 2002-06-06
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Publication No
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Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 2455
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TYPE: RNA
ORGANISM: Artificial Sequence
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OR APPLICATION NUMBER: US 60/393,796

OR FILING DATE: 2002-07-03

OR APPLICATION NUMBER: US 10/287,949

OR FILING DATE: 2002-11-04

OR APPLICATION NUMBER: US 10/306,747

OR APPLICATION NUMBER: US 10/306,747

OR FILING DATE: 2002-11-27
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FILING DATE: 2002-05-29
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APPLICATION NUMBER: US 60/386,782
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Pred. No. 2.2e
0; Mismatches
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.2e+02;
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                         See File Wrapper or PALM.
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FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1
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US-09-005-243-32/c
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US-09-726-096A-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT APPLICATION STATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09726096A Publication No. US20010016652A1
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Best Local Similarity 72.2
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                   Sequence 32, Application US/09005243 Patent No. US20020018763A1
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LENGTH: 19
                                                                                                                                   APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gerste
STREET: 6300 Sears Tower, 233 South
                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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                                                                                                                                                                                                                                                                                               APPLICANT:
                                                              STREET: 6300 Sears Tower, 233 Sout CITY: Chicago STATE: Illinois COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1513 GTTAATTAAAAAAAAAA 1530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                             Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.1%;
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Pred. No. 2.4e+02
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                                                                                                                                         Gerstein, Murray & South Wacker Drive
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US-09-005-243-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICATION NUMBER: 07/982
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589
FILING DATE: 01-0CT-1990
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REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
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FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
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FILING DATE:
                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                            APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                                                                                                TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic actu
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 312/474-63
TELEFAX: 312/474-0448
TELEX: 25-3856
                                                                                                               STREET: 6300 (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                 COUNTRY: United States ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
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16; Conservative
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                              Floppy disk
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                                                                                of America
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Pred. No. 2.
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US-09-224-683-32/c
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Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                               APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
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APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
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PRIOR APPLICATION DATA:
07/982,255
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/34465
REFERENCE/DOCKET NUMBER: 01017/34465
TELEPHONE: 11FORMATION:
TELEPHONE: 312/474-6300
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APPLICATION NUMBER: 08/4.
FILING DATE: 24-MAY-1995
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TELEFAX: 25-3856
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CITY: Chicago
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                                                                                                                COUNTRY:
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                                                                                                  60606-6402
                                                                                                              Illinois
: United States of America
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16-OCT-1989
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Pred. No. 2.4e+02;
                                                                                                                                                                         Gerstein, Murray & South Wacker Drive
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; MOLECULE TYPE:
US-09-224-683-32
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                                                                                                                                                                                                                                                   Sequence 34, Application US/09224683 Patent No. US20020031491A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                              APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
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APPLICATION NUMBER: 09/0
FILING DATE: 12-JAN-1998
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APPLICATION NUMBER: US/09/224,683
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 31-,
TELEFAX: 25-3856
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                               COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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                                                                  Chicago
: Illinois
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Floppy disk
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Pred. No. 2
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                                                                                                   Gerstein, Murray & Borun
South Wacker Drive
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RESULT 302
US-09-916-369A-1/c
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                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
                                                                                                                                                                                                                                                 Sequence 1, Application US/09916369A Publication No. US20020058802A1
                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 88.9%;
APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectic TITLE OF INVENTION: Chemistry
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
PRIOR PILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 07/573
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/422
FILING DATE: 16-OCT-1999
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
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FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                Caruthers, Marvin H
                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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Pred. No. 2.4e+02;
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RESULT 304 US-09-973-638A-55

Sequence 55, Application US/09973638A Patent No. US20020137070A1 GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Robert L.

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                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-973-788A-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
                                                                          Matches
                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i10
CURRENT APPLICATION NUMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/40,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, Jame
                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/200,161
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TYPE: DNA
ORGANISM: artificial sequence
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                                 1520 AAAAAAAAAAAGTAAAA 1537
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1 AAAAAAAAAAAAAAAA 18
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Mucic, Robert C.
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                                                                      Conservative
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                                                                                        1.1%;
                                                                  Score 14.8; DB 1; Pred. No. 2.4e+02; 0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
                                                                                                           DB 1;
                                                                                                           Length 20;
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                                                                      Gaps
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CURRENT APPLICATION NUMBER: US/09/974,007
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PELLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PELLING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
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SEQ ID NO 55
LENGTH: 20
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR
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1es 16; Conservation
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Pred. No. 2.4e+02;
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US-09-961-949A-55

Sequence 55, Application US/09961949A Patent No. US20020146720A1 GENERAL INFORMATION: APPLICANT: Mirkin, Chad A.

APPLICANT: APPLICANT: APPLICANT:

Letsinger, Robert L. Mucic, Robert C. Storhoff, James J.

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PRIOR FILLING DATE: 2000-06-26
PRIOR FILLING DATE: 2000-06-26
PRIOR FILLING DATE: 2000-06-26
PRIOR FILLING DATE: 1999-06-25
PRIOR FILLING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILLING DATE: 1999-01-29
PRIOR FILLING DATE: 1997-07-21
PRIOR FILLING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/20,161
PRIOR APPLICATION NUMBER: 60/20,161
PRIOR FILLING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-974-007-55
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                    Matches
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                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-124 CURRENT APPLICATION NUMBER: US/09/976,617A CURRENT FILING DATE: 2002-03-05 CURRENT FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mirkin, Chad A.
                                                                                                                                                 FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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                  1520 AAAAAAAAAAAAGTAAAA 1537
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1 AAAAAAAAAAAAAAA
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US20020137072A1
                                                                                    Similarity
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Storhoff, James J.
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Mucic, Robert C.
                                                                    Conservative
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                                                                Score 14.8; DB 1
Pred. No. 2.4e+02
0; Mismatches
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Pred. No. 2
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.4e+02;
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PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR TILING DATE: 1999-06-25
PRIOR PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: BCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                        NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/961,949A

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR PILING DATE: 1999-06-25

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR ETING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/200,161 PRIOR FILING DATE: 2000-04-26
                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/760,500A
CURRENT FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
DRGANISM: Artificial Sequence
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: Mucic, Robert C.
: Storhoff, James J.
: Elghanian, Robert
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llarity 88.9%; Pred. No. 2.4e+02;
Conservative 0; Mismatches 2;
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US-09-975-062A-55

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert

Mucic, Robert C.

APPLICANT:

Mucic, Robert C. Storhoff, James J. Elghanian, Robert

Sequence 55, Application US/09975062A Patent No. US20020155459A1

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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-760-500A-55
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PRIOR FILING DATE: 2000-06-26
PRIOR PELING DATE: 1900-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-07-27
PRIOR PELING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                        Matches
                                                                                      Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/967,409A
CURRENT FILING DATE: 2001-09-28
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                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
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                                1520 AAAAAAAAAAAAGTAAAA 1537
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1 AAAAAAAAAAAAAAAAA 18
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Storhoff, James J.
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Pred. No. 2.4e
0; Mismatches
                                                                      0,
                                                                                      Score 14.8;
Pred. No. 2
                                                                          Mismatches
                                                                                      4e+02
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PRIOR FILING
PRIOR APPLICATION NUMBER: 1997-07-21
PRIOR FILING DATE: 1997-07-29
PRIOR FILING DATE: 1996-07-29
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 00/201,809
PRIOR APPLICATION NUMBER: 60/201,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
                                                                            SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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APPLICANT: Letsing,
APPLICANT: Mucic, I
APPLICANT: Storhoff
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TITLE OF INVENTION: AND USES THEREFOR

FILE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00-713-125

CURRENT APPLICATION NUMBER: US/09/976,378A

CURRENT FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/344,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783
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NUMBER OF SEQ ID NOS: 64
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CURRENT APPLICATION NUMBER: US/09/975,062A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                   ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence:random
                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO OF INVENTION: AND USES THEREFOR
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Mucic, Robert C.
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TITLE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-120
CURRENT APPLICATION UNMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 00/200,161
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; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
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; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
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                                                                                                            APPLICANT: CHARLES, Marie Helene
APPLICANT: PIGA, Nadia
APPLICANT: BATTAIL-POIROT, Nicole
APPLICANT: VERON, Laurent
APPLICANT: DELAIR, Thierry
APPLICANT: MAURAND, Bernard
TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONTITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mirkin, Chad A.
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16; Conservative
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Taton, Thomas A.
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Pred. No. 2.
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Pred. No. 2.4e+02;
0; Mismatches 2
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5
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CURRENT APPLICATION NUMBER: US/09/771,554
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: PCT/FR99/01846
PRIOR FILING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: FR 98/10084
PRIOR FILING DATE: 1998-07-31
PRIOR FILING DATE: 1998-07-31
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.0
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                            Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERICE: 00-713-114
CURRENT APPLICATION NUMBER: US/09/975,498
CURRENT FILING DATE: 2001-10-11
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APPLICANT: Letsin
                                                                                                                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
1520 AAAAAAAAAAAAGTAAAA 1537
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                                                          Conservative
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                                                   Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-966-312-55
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PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/400,755
PRIOR APPLICATION NUMBER: 09/400,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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LENGTH: 20
TYPE: DNA
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APPLICANT: Mirkin, Chad A.
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             APPLICANT: Park, SO-JUNG
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
TITLE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A;
CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR PILING DATE: 2001-03-28
PRIOR PILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
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SOFTWARE: Microsoft Word 2000
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APPLICATION NUMBER: 09/603,830
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Similarity 88.9%;
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Elghanian, Robert
Taton, Thomas A.
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Pred. No. 2
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FILING DATE:

APPLICATION NUMBER: 09/344,667

2000-06-26

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Query Match
Best Local Similarity
""+ hes 16; Conserva
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 OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-927-777A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-927-777A-70
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mirkin, (
APPLICANT: Letsing(
APPLICANT: Mucic, I
APPLICANT: Storhof)
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                                                           APPLICANT: Park, So-Jung
TITLE OF INVENTION: AND USES THEREFOR
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A
CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 2000-06-25
PRIOR PILING DATE: 2009-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-06-25
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APPLICANT:
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                     APPLICATION NUMBER: 09/240,755 FILING DATE: 1999-01-29
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APPLICATION NUMBER: 60/176,409
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APPLICATION NUMBER: PCT/US97/12783
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Mucic, Robert C.
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Pred. No. 2.4e+02
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PELING DATE: 1999-01-29
PRIOR PELING DATE: 1999-01-29
PRIOR PELING DATE: 1999-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PELING DATE: 1996-07-29
PRIOR PELING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: 100 USES THEREFOR
FILE REFERENCE: 00-713-14
CURRENT APPLICATION NUMBER: US/09/966,491A
CURRENT FILING DATE: 2002-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Mirkin, Chad A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
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FILING DATE: 2000-12-08
APPLICATION NUMBER: 60/255,235
FILING DATE: 2000-12-11
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APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
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FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
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16; Conserv
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US-09-880-505-83
; Sequence 83, Application US/09880505
; Publication no. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Faul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILS REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880,505
; CURRENT FILING DATE: 2001-06-13
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Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-118
CURRENT APPLICATION NUMBER: US/09/976,971A
CURRENT FILING DATE: 2001-10-12
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APPLICANT: Leteinger, Robert C.
APPLICANT: Mucic, Robert C.
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PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-55
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                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 2000-06-26
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PPLICATION NUMBER: PCT/US97/12783
PRIOR PPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-21
PRIOR PPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                      SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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LENGTH: 20
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                                                                            Matches
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Best Local (
                                                                                                              Query Match
                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REPERBNCE: 00-1085-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/324,542
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: US 08/997,080
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 194
SOFTMARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert APPLICANT: Storhoff, Jame
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CURRENT FILING DATE: 2001-03-28
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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                                      1520 AAAAAAAAAAAAAGTAAAA 1537
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AAAAAAAAAAAAAAA 18
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                                                                                          88.9%;
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                                                                          0
                                                                                            Score 14.8; DB 1;
Pred. No. 2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.8;
Pred. No. 2
                                                                              Mismatches
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                                                                                                                DB 1;
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                                                                                                              Length 20;
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                                                                          Indels
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RESULT 322 US-09-888-326-2

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APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
INUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 838
RESULT 324
US-09-888-326-839/c
, Sequence 839, Application US/09888326
                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature ; LOCATION: (0)...(0) OTHER INFORMATION: phosphorothioate backbone US-09-888-326-838
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CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22

PRIOR APPLICATION NUMBER: US 60/213,346

PRIOR PILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 2

LENGTH: 20
                                                                                                                                                                                                        Query Match 1.3
Best Local Similarity 88.9
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Publication No. US20030026801A1
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APPLICANT: Hartmann, Gun
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OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0) ...(0)
OTHER INFORMATION: phosphodiester backbone
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                                                      AAAAAAAAAAAAAAA 3
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                                                                                                                                                                                                      Score 14.8; DI
Pred. No. 2.4e-
0; Mismatches
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Pred. No. 2.4e+02;
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APPLICANT: EIGHANIAN, ROBERT
APPLICANT: Taton, Thomas A.
FITLE OF INVENTION: AND USES THEREFOR
FILLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-122
CURRENT APPLICATION NUMBER: US/09/981,344
CCURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-981-344-55
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CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22

PRIOR APPLICATION UNMBER: US 60/213,346

PRIOR PILING DATE: 2000-06-22

RIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 839

LENGTH: 20
                                                                                                                                                   SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Publication No.
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                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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APPLICANT: Hartmann, Gun
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                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Synthetic oligonucleotide
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Pred. No. 2.
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Query Match

1.18;

Score 14.8;

DB 1;

Length 20;

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PRIOR FILING DATE: 1995-0/-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR FILING DATE: 8000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-957-318A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 327
JS-09-974-500A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PELICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
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Matches 16; Conservative
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                                                                                                                          APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-12 CURRENT APPLICATION NUMBER: US/09/957,318A CURRENT FILING DATE: 2002-03-05 CURRENT FILING DATE: 2002-03-05 COURRENT FILING DA
CURRENT APPLICATION NUMBER: US/09/974,500A CURRENT FILING DATE: 2002-04-01 PRIOR APPLICATION NUMBER: 09/603,830
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert
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APPLICANT: Letsin
APPLICANT: Mucic,
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.1%;
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Pred. No. 2.4e+C
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-975-376A-55
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PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR PPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PRIOR DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                  SEQ ID NO 55
LENGTH: 20
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LENGTH: 20
Query Match 1.1
Best Local Similarity 88.9
Matches 16; Conservative
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/975,376A CURRENT FILING DATE: 2002-05-07 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, Chad A.
                                                                                                                                                             LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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                     1.1%;
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  Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
                                             DB 1;
                                          Length
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-957-313A-55
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US-09-912-014-16/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/09912014 Publication No. US20030059929A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/957,313A CURRENT FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Mucic, Robert C.
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                                                                                                                                                                                                                                                                                            GENERAL INFORMATION: APPLICANT: Heller, Michael J.; and Tu,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                            TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1520 AAAAAAAAAAAAGTAAAA 1537
COMPUTER READABLE FORM:
                                                                                                                                                                                 NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1520 АААЛААЛААЛААСТААЛА 1537
                                                               STREET: 611 West Sixth Street CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAAAAAAAAAAAAAAAA 18
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                                               COUNTRY: USA
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                          90017
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Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                 SEQ ID NO 40
LENGTH: 20
TYPE: DNA
                                                                     Matches
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APPLICANT:
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ceree, Inc.
TITLE OF INVENTION: Polynucleotides Useful for Modulationg Transcription
FILE REFERENCE: 023070-115810US
CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Weterings, Koen
                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:oligo(dT-20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/146,504
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Watburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                        Local
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OPERATING SYSTEM: IBM P.C. DOS (Version
SOFTWARE: WORDERFECT (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <UNKnown)
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO:
                                 1520 AAAAAAAAAAAAGTAAAA 1537
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Apuya, Nestor R.
Tatarinova, Tatiana
Goldberg, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    The Regents of the University of California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.1%; Score 14.8; ilarity 88.9%; Pred. No. 2 Conservative 0; Mismatch
                                                                       Conservative
                                                                                    88.9%;
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                                                                                      Score 14.8;
Pred. No. 2.
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RESULT 332
US-09-976-863A-55
                                                                                         ; OTHER INFORMATION: No. US-09-881-535-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PELICATION NUMBER: 09/240,755
PRIOR PELICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/31,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                           GENERAL INFORMATION:
APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Ravikumar, Vasulinga T.
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothi
TITLE OF INVENTION: Linkages
FILE REFERENCE: ISIS4785
CURRENT APPLICATION NUMBER: US/09/881,535
CURRENT FILING DATE: 2001-06-14
NUMBER OF SEO ID NOS: 7
SOFTWARE: Patentin version 3.1
SEO ID NO 2
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: No. 152002066410116 General
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
  Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/976,863A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mirkin, Chad A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mucic, Robert C.
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                                                                                                              US20030069410A1el Sequence
Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
0; Mismatches 2
                                             DB 1;
                                           Length 20;
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APPLICANT: FOURCE, Types

APPLICANT: FOURCE, Types

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR PILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 226

LENGTH: 20

TYPE: DNA

TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FRASTEQ for Windows Version 3.0
SEQ ID NO 226
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US-09-776-479-226/c
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
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US-09-776-479-226/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 226, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:
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                                             Matches
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Best Local Similarity
                                                                 Best Local
                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                             OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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    1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                 Similarity
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                                             Conservative
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                                                              1.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.8; DB 1;
Pred. No. 2.4e+02;
                                           Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2.
                                                                                Length 20;
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Sequence 556, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

TYPE: DNA
RESULT 338
US-09-776-479-560
; Sequence 560, Application US/09776479
; Publication No. US20030087848A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 337
US-09-776-479-556/c
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US-09-776-479-556/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-556
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SOFTWARE: FRANCSEQ FOR WINDOWS Version 3.0
SEQ ID NO 556
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REPERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/9/776,479
CURRENT APPLICATION NUMBER: US/9776,479
CURRENT APPLICATION NUMBER: US/9776,479
ERIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
PRIOR FILING DATE: 2000-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bratzler, Robert L.
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                    Length 20;
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US-09-976-601A-55

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Sequence 55, Application US/09976601A Publication No. US20030124528A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert APPLICANT: Storhoff, Jame

Mucic, Robert C. Storhoff, James J.

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APPLICANT: Fouron, Yves
ITITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 560
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITITLE OF INVENTION: Treatment of Asthma and Allergy
ITITLE OF INVENTION: Treatment of Johnson Allergy
ITITLE OF INVENTION: Treatment of Johnson Allergy
ITITLE OF INVENTION: Treatment of Asthma and Allergy
ITITLE OF INVENTION: Treatment of Asthma and Allergy
ITITLE OF INVENTION: Treatment of Asthma and Allergy
ITITLE OF INVENTION: US 60/176,479
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF EGQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 560
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                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-560
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                                                                                                Matches
                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                  TYPE: DNA
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                              1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                                16;
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1 AAAAAAAAAAAAAAAAA 18
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o. US20040067902A9
                                                                                                Conservative
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                                                                                                                       88.9%;
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Pred. No. 2.4e
0; Mismatches
                                                                                              0; Mismatches
                                                                                                                       Score 14.8; DB 1
Pred. No. 2.4e+02
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTITUE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-115
CURRENT APPLICATION UNMBER: US/09/975,059A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
                                                    NUMBER OF SEQ ID NOS: 64
SOPTWARE: Microsoft Word
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 55, Application US/09975059A Publication No. US20030143538A1
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                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US97/1:
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
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                                                                                                                                                             PRIOR FILING DATE: 2000-04-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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OTHER INFORMATION:
OTHER INFORMATION:
TYPE: DNA
ORGANISM: Artificial Sequence
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Mucic, Robert C.
Storhoff, James J.
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CURRENT APPLICATION NUMBER: US/09/976,968A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEO ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-976-968A-55
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US-09-976-968A-55
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                                                                                                                                                                                                           RESULT 343
          Sequence 5, Application US/09994701B
Publication No. US20040152076A1
GENERAL INFORMATION:
APPLICANT: Richard C. Willson and Jason C. M
TITLE OF INVENTION: NUCLEIC ACID SEPARATION IN EFFERENCE: 96605/13UTL
CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11.06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 55, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, APPLICANT: Letsin
PRIOR APPLICATION NUMBER: 60/246292
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09976968A
lo. US20030148282A1
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Pred. No. 2.4e
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Pred. No. 2.4e
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N USING IMMOBILIZED METAL AFFINITY CHROMATOO
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US-09-994-701B-6/c
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TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATC
FILE REFERENCE: 96605/13UTL
CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 60/246292
PRIOR APPLICATION NUMBER: 60/246292
PRIOR FILING DATE: 2000-11-06
SOFTWARE: PATENTY DATE: 2000-13.1
SEQ ID NO 6
LENGTH: 20
                                     PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2000-07-30
PRIOR APPLICATION UMBER: US/09/619,103
PRIOR APPLICATION UMBER: US/09/619,103
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NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
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Best Local Similarity 88.9%;
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TYPE: DNA
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ORGANISM: Artificial
FEATURE:
ORGANISM: Artificial Sequence
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
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APPLICANT: Watson, James D.
APPLICANT: Watson, James D.
APPLICANT: Watson, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
TITLE OF INVENTION: System using Mycobacterium Vaccae
FILE REFERENCE: 11000.1008c2
CURRENT APPLICATION NUMBER: US/10/051,643
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: US 08/996,624
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEO ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-051-643-83
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US-10-208-357-26
OTHER INFORMATION: Synthetic DNA US-10-085-056-8
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                                                                                                  NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 20
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Best Local
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APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: TAYA, TOSHIKI
TITLE OF INVENTION: OLIGONUCLEOTIDE AND METHOD FOR DETECTING VEROTOXIN
FILE REFERENCE: 220081US0
CURRENT APPLICATION NUMBER: US/10/085,056
CURRENT FILING DATE: 2002-05-30
PRIOR APPLICATION NUMBER: JP 2001-58143
PRIOR FILING DATE: 2001-03-02
                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                      FEATURE:
                                                                                              LENGTH:
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al Similarity 88.9%;
16; Conservation
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vo. US20020197265A1
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Pred. No. 2.4e.
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
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.4e+02;
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FILE REFERENCE: ISIS-5039

CURRENT APPLICATION NUMBER: US/10/117,267

CURRENT FILING DATE: 2002-04-05

PRIOR APPLICATION NUMBER: 09/726,096

PRIOR FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: 09/250,075

PRIOR FILING DATE: 199-02-12

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin version 3.1

SEQ ID NO 1
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TITLE OF INVENTION: Haiprin Sensors Using Quenchable Fluorescing Agents
FILE REFERENCE: 11739/26
CURRENT APPLICATION NUMBER: US/10/176,055
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 60/299,460
PRIOR FILING DATE: 2001-66-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 20
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Publication No. US20030013109A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mancharan, Muthiah
APPLICANT: Maier, Ph.D., Martin A.
                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Target sequence that is desired to be detected and OTHER INFORMATION: that has a nucleotide sequence that is OTHER INFORMATION: complementary to the sequence of complementary OTHER INFORMATION: probe of hairpin loop assembly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Description of Unknown Organism: Target sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Unknown Organism
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
                                                                            FEATURE:
OTHER INFORMATION: Synthetic Construct
                                                                                                                     LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-218
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                                                                                                                              US-10-112-653-533
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PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 218
                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                          Matches
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                                                             Query Match 1.1%;
Best Local Similarity 88.9%;
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Best Local Similarity
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
                                                                                                                                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                             FEATURE: OTHER INFORMATION: Synthetic Oligonucleotide
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    1520 AAAAAAAAAAAGTAAAA 1537
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                                        0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
                                                           Score 14.8;
Pred. No. 2.
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Pred. No. 2
                                                             .4e+02;
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Sequence 5, Application US/10077383

Publication No. US20030050444A1

GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: DNA/RNA mixed Polymer Intermediate Products

FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US/60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
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US-10-112-653-537
; Sequence 537, Applica
; Publication No. US200;
; GENERAL INFORMATION:
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US-10-112-653-537
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SOPTWARE: FBSTSEQ for Windows Version 3.0
SEQ ID NO 537
LENGTH: 20
                                                                 Matches
                                                                                                      Query Match
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
FULR REFERENCE: C01039/70060 (AWS)
FULR APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
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TYPE: DNA
                                                                                                                                                              NAME/KEY: modified base LOCATION: (13)...(20)
OTHER INFORMATION: a at positions 13-20 may be present or absent
                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20 OTHER INFORMATION: homopolymer spacer sequence
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                                                              Local Similarity 88.9
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1520 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.4e+02;
                                                                                  Score 14.8; DB 1;
Pred. No. 2.4e+02;
                                                                 Mismatches
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                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2001-12-18
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 226
SEQ ID NO 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
APPLICANT: Saigene Corporation
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase: DNA/RNA Mixed Polymer Intermediate Products
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
                                                                              Best Loc
Matches
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Publication No. US20030050444A1
                                                                                                                      Query Match
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Best Local
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TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: modified base LOCATION: (13)..(20)
OTHER INFORMATION: t at positions 13-20 may be present or
                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description OTHER INFORMATION: homopolymer FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                  LENGTH: 20
                                                                                                 Local Similarity
                                      1520 AAAAAAAAAAAAGTAAAA 1537
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20 AAAAAAAAAAAAAAAAA
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ilarity 88.9%;
Conservative
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                                                                              Score 14.8; DB 1
Pred. No. 2.4e+02
0; Mismatches
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Pred. No. 2
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                                                                                                                      DB 1;
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Sequence 556, Application US/10017995

Publication No. US20030055014A1

GENERAL INFORMATION:
APPLICANT: BEATZIEr, Robert L.

ITITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR PILING DATE: 2000-12-14

NUMBER OF SEG ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SECTUMENT OF SEG ID NOS 1093

SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FASCSEQ for Windows Version 3.0

SEQ ID NO 560

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEAUTRE:
                                    US-10-194-138-32
Sequence 32, Application US/10194138
Publication No. US20030082588A1
GENERAL INFORMATION:
APPLICANT: Nanosphere, Inc.
APPLICANT: Garimella, Viswanadham
TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
FILE REFERENCE: 01-897-B
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US-10-017-995-560
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; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/194,138
CURRENT FILING DATE: 2002-07-12
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                                                                                                                                                                                                                                                                                                                          1520 AAAAAAAAAAAGTAAAA 1537
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; Pred. No. 2.4e.
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
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; PRIOR APPLICATION NUMBER: 60/363472; PRIOR FILING DATE: 2002-03-12; PRIOR APPLICATION NUMBER: 60/305369; PRIOR FILING DATE: 2001-07-13; NUMBER OF SEQ ID NOS: 32; SOFTWARE: PatentIn version 3.1; SEQ ID NO 32; CENCTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-01-12
PRIOR PRIOR PRICING DATE: 2001-05-60,500
PRIOR FILING DATE: 2001-05-60
PRIOR FILING DATE: 2001-05-60
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 77-29
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APPLICANT: Le
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                    APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/200,161
                                                                                                                  FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
                    APPLICATION NUMBER: 60/254,392 FILING DATE: 2000-12-08
                                                                    APPLICATION NUMBER: 60/224,631 FILING DATE: 2000-08-11
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PPLICATION NUMBER: 60/254,418
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Storhoff, James J.
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Pred. No. 2.
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-55
                                                                                                                                  PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/60,500
PRIOR FILING DATE: 2000-06-26
PRIOR PRIOR PRIOR NUMBER: 09/603,830
PRIOR PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PRIOR DATE: 1999-06-25
PRIOR PRIOR DATE: 1999-01-29
PRIOR PRIOR DATE: 1997-07-21
PRIOR PRIOR PRIOR PRIOR DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PRIOR APPLICATION NUMBER: 60/176,409
PRIOR PILING DATE: 1900-01-13
PRIOR PILING DATE: 2000-01-13
PRIOR PILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/176,409
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US-10-008-978-70
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PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 70, Application No. US20 GENERAL INFORMATION:
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
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CURRENT FILING DATE: 2002-05-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 00-1272-C
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ORGANISM: Artificial Sequence
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FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
APPLICATION NUMBER: 60/224,631
FILING DATE: 2000-08-11
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FILING DATE: 2000-12-11
APPLICATION NUMBER: 60/255,236
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Elghanian, Robert
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Pred. No. 2.4e+02
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US-10-188-404-49
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PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-64-01
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 49
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CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Egholm, Michael APPLICANT: Neilsen, Peter APPLICANT: Buchardt, Ole APPLICANT: Dueholm, Kim L
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TITLE OF INVENTION: Linked Peptide Nucleic Acids
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           NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: N is Pseudoiscytosine
                                                                                                                           NAME/KEY: misc feature LOCATION: (13)..(13)
                                                                                                     LOCATION: (13)..(13)
OTHER INFORMATION: N is
                                                                                                                                                                                         OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol OTHER INFORMATION: Ethylene Glycol Linkage
                                                                                                                                                                                                                                                                                                                   LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                    FEATURE:
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                                                                                                        Pseudoiscytosine
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Pred. No. 2.4e+02;
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Sequence 10, Application US/10234764
Publication No. US2030113769A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Lonnberg, Harri
APPLICANT: Lonnberg, Harri
APPLICANT: Virta, Pasi
ITITLE OF INVENTION: Aminooxy Functionalized Oligomers
FILE REFERENCE: ISIS5089
CURRENT APPLICATION NUMBER: US/10/234,764
CURRENT APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/344,260
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 09/344,260
PRIOR FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.2
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CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR ETILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.1
SEQ ID NO 66
LENGTH: 20
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LOCATION: (10)..(11)
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les 16; Conserv
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Griffith, Michael
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Kiely, John
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
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; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe; OTHER INFORMATION: Sequence
US-10-255-434-14
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SEQ ID NO 26
LENGTH: 20
TYPE: DNA
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Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                 Sequence 26, Applicat Publication No. US200 GENERAL INFORMATION:
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APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randon
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic J
FILE REFERENCE: BPO101-US
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/102 Publication No. US20030129626A1
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LENGTH: 20
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Best Local S
                                                                                APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Rando
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic J.
TILE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic J.
CURRENT FAPLICATION NUMBER: US/10/255,434
CURRENT FILLING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
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                                                                 SOFTWARE: Patentin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
ORGANIEM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02
0; Mismatches
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Sequence 75, Application US/10171319
Publication No. US20030157633A1
GENERAL INFORMATION:
APPLICANT: Ardem Patapoutian
APPLICANT: Andrea Peter
APPLICANT: Peter McIntyre
APPLICANT: Stuart Beyan
                                                                                                                                                                                                                                                                                                                      RESULT 367
US-10-171-319-75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Davies, Martin
APPLICANT: Bruce, Ian
APPLICANT: Wolter, Andreas
APPLICANT: Wolter, Andreas
TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
TITLE OF INVENTION: ACID ANALYTES
FILE REFERENCE: PRO.07
CURRENT APPLICATION NUMBER: US/10/278,047
CURRENT FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: 60/336,432
PRIOR APPLICATION NUMBER: 60/336,432
PRIOR FILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
CURRENT APPLICATION NUMBER: US/10/171,319
CURRENT FILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: 60/297,835
PRIOR FILING DATE: 2001-06-13
                                                                                                APPLICANT: Pamposh Ganju
TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: AND POLYPEPTIDES
                                                                               FILE REFERENCE: 4-32048A
                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial
PEATURE:
OTHER INFORMATION: Synthetic Nucleic Acid Probe
PEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic OTHER INFORMATION: Oligomer Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
hes 16; Conservative
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Pred. No. 2.4e
O; Mismatches
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Pred. No. 2.4e+02
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US-10-371-066-16/c
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NUMBER OF SEQ ID NOS: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                               INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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STATE: California
                      STRANDEDNESS: single
                                          TYPE: nucleic acid
                                                                                                                      TELEX: 67-3510
                                                                                                                                           TELEFAX:
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SOFTWARE: PastSEQ for Windows Version SEQ ID NO 75
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/357,161
PRIOR FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: 60/381,086
PRIOR FILING DATE: 2002-05-15
PRIOR FILING DATE: 2002-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Oligonucleotide primer
                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTMARE: WordPorfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/381,739
FILING DATE: 2002-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/351,238
FILING DATE: 2002-01-22
APPLICATION NUMBER: 60/352,914
FILING DATE: 2002-01-29
                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                         APPLICATION NUMBER: US/08/146,504 FILING DATE: No. US20030162214Alember 1, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Heller, Michael J.; and Tu, Eugene TITLE OF INVENTION: SELF-ADDRESSELE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND
                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              722 GTTTTGCTGTTGCTGCTG 739
                                                                  NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                                                                                                                                                                                          APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 611 West Sixth Street
                    TELEPHONE: (213) 489-1600
(213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DIAGNOSTICS
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Pred. No. 2.4e+02;
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PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
TENET TO THE TOTAL                                                                                                                                                                                                                                              US-10-266-983-55
Sequence 55, Application US/10266983
Publication No. US20030207296A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 370
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local
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Sequence 55, Application US/10410324
Publication No. US20030180783A1
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-126
CURRENT APPLICATION NUMBER: US/10/410,324
CURRENT FILING DATE: 2003-04-09
CURRENT FILING DATE: 2003-04-09
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mikin, Chad, Andrew
APPLICANT: Mikin, Chad, Andrew
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/961,949
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: random OTHER INFORMATION: synthetic sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Letsinger, Robert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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88.9%; Pred. No. 2.4e+02;
vative 0; Mismatches 2;
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Pred. No. 2.4e
0; Mismatches
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APPLICANT: Park, So-Jung
APPLICANT: Mirkin, Chad A.
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOBER: US/10/266,983
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT APPLICATION NUMBER: 09/927,777
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILLING DATE: 2001-03-28
PRIOR FILLING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/80,500
PRIOR FILLING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILLING DATE: 2000-06-26
PRIOR FILLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILLING DATE: 1999-01-29
PRIOR FILLING DATE: 1996-07-29
PRIOR FILLING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILLING DATE: 1996-07-29
PRIOR FILLING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
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PRIOR FILING DATE: 2001-03-28
PRIOR PPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR PPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR PRIOR PRIOR DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
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PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-01-13
PRIOR PILING DATE: 2000-03-28
PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Publication No.
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Best Local (
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CURRENT FILING DATE: 2002-10-08
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Similarity 88.9%;
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Pred. No. 2.
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US-10-314-578-556/c ; Sequence 556, Application US/10314578 ; Publication No. US20030212026A1
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; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Aci
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEO ID NOS: 1145
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Best Local Similarity
Thes 16; Conserv
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
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SEQ ID NO 226
LENGTH: 20
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
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APPLICANT: Schett
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                  1.1%;
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Pred. No. 2
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Pred. No. 2.
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APPLICANT: VOLIMER, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 375
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
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PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF TEXT TO NUMBER: US 60/227,436
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APPLICANT: Scheti
APPLICANT: Vollm
CURRENT APPLICATION NUMBER: US/10/181,200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              88.98;
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Pred. No. 2
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Pred. No. 2.4e+02
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CURRENT FILING DATE: 2002-12-12

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                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 15
LENGTH: 20
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NAME/KEY: misc feature

LOCATION: (1). (20)

OTHER INFORMATION: phosphorothioate 20-mer

3-10-181-200-10
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SEQ ID NO 10
LENGTH: 20
                                                                                              Query Match
                                                                                                                                -10-181-200-15
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                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: ISIS-4709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cole,
APPLICANT: Ravik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
                                                                                                                                            OTHER INFORMATION: phosphorothicate 20-mer
                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (1)...(1)
OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PPLICANT: Ravikumar, Vasulinga T.
PPLICANT: Cheruvallath, Zacharia S.
PITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (1)...(1)
OTHER INFORMATION: 2'-O-methoyxethy)
                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (1)...(20)
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                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                               Local Similarity
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20 AAAAAAAAAAAAAAA 3
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16; Conserv
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larity 88.9%;
Conservative
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Pred. No. 2.4e+02;
0; Mismatches 2;
                                                             Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
                                                                                            Length 20;
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APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Garimella, Viswanadham
APPLICANT: So-Jung Park
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-G
CURRENT APPLICATION NUMBER: US/10/640,618
CURRENT FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR TILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2001-12-08
PRIOR FILING DATE: 2001-12-08
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 285
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/406,181 PRIOR FILING DATE: 2002-08-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/997,425 PRIOR FILING DATE: 2001-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/287,971
CURRENT FILING DATE: 2002-11-05
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ORGANISM: Artificial Sequence
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OR FILING DATE: 2001-11-05
OR APPLICATION NUMBER: 60/401,479
OR FILING DATE: 2002-08-06
OR APPLICATION NUMBER: 60/333,072
OR APPLICATION NUMBER: 60/333,072
OR APPLICATION NUMBER: 60/348,283
OR APPLICATION NUMBER: 60/348,283
OR APPLICATION NUMBER: 60/348,283
OR FILING DATE: 2001-11-09
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FILING DATE: 2001-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/393,262 FILING DATE: 2002-07-02
APPLICATION NUMBER: 60/255,235
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                                                                                                                                                                                                                                                                                                                                                                                                          Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                    Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10640618 o. US20040072231A1
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b. US20040067882A1
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Pred. No. 2.
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Publication No. US20040086897A1
GENERAL INFORMATION:
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SEQ ID NO 31
LENGTH: 20
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SEQ ID NO 55
LENGTH: 20
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PRIOR FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 60/383,630
PRIOR FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: US 10/172,428
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Mirkin, Chad
APPLICANT: Cao, Yun-Wei
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Ana
TITLE OF INVENTION: Detection
FILE REFERENCE: 02-338-C
CURRENT APPLICATION NUMBER: US/10/431,341
CURRENT FILING DATE: 2003-05-07
CURRENT FILING DATE: 2003-05-07
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PRIOR PILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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                                                                                                                                                                           PEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(20)

OTHER INFORMATION: Synthetic target sequence
                                                                                                                                                                                                                                                           ORGANISM: Artificial
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                                                                                                                                                                                                                                                                                      TYPE: DNA
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APPLICATION NUMBER:
FILING DATE: 2000-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/344,667 FILING DATE: 1999-06-25
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                                                                                                Similarity
                                     AAAAAAAAAAAGTAAAA 1537
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  ААААААААААААААА 18
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                                                                             Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-653-416-25
RESULT 382
US-10-716-829-55
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US-10-653-416-25/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-688-706-2100/c
                                                                                                                                                                                                                                                                                                                         SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2100
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2100, Application US/10688706 Publication No. US20040102412A1
                                                                                                                                                              Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pharmacia Corp.
                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
FILE REFERENCE: 38266-0011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
PRIOR FILING DATE: 2002-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2
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Sequence 55, Application US/10716829
Publication No. US20040110220A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.

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APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 S
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID MOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID MO 178
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
PEATURE:
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TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-715-A
CURRENT APPLICATION NUMBER: US/10/716,829
CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: US/9/760,500A
PRIOR FILING DATE: 2002-03-05
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-60-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/340,755
PRIOR APPLICATION NUMBER: 09/340,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
NUMBER: 00 500 TD NOS: 64
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US-10-671-395-178/c
                                                                                                                                                                       ; OTHER INFORMATION: Human US-10-671-395-178
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OTHER INFORMATION: synthetic sequence
US-10-716-829-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 178, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local (
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                            Matches
                                                                                             Query Match
Best Local Similarity
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1520 AAAAAAAAAAAGTAAAA 1537
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Similarity 88.9%; Pred. No. 2.4e+02;
16; Conservative 0; Mismatches 2;
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Taton, Thomas A.
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                                                                       Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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RESULT 386
US-10-671-395-181/c
; Sequence 181, Application US/10671395
; Publication No. US20040132063A1
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-180
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PAtentin version 3.2
SEQ ID NO 179
                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 180
LENGTH: 20
TYPB: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 180, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local :
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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o. US20040132063A1
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; Pred. No. 2.4e
0; Mismatches
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Pred. No. 2
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
FRIOR APPLICATION NUMBER: 60/413,549
FRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER
                                                                                                                                                                                   RESULT 388
US-10-671-395-183/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-181
                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-182
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APPLICANT: Giorse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                     Sequence 183, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity 88.9%;
                 APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
                                                                                                                                                                                                                                                                                                               1520 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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US-10-671-395-184/c
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SEQ ID NO 183
LENGTH: 20
SEQ ID NO 185
LENGTH: 20
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Publication No. US20040132063A1
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Best Local
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Best Local
                 APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
RIUNEER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
RNIOMERR OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Pred. No. 2.4e
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Pred. No. 2.4e+02;
0; Mismatches 2;
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2.4e+02;
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Sequence 187, Application US/10671395

| Sequence 187, Application No. US20040132063A1
| GENERAL INFORMATION:
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: 1179/1/US
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT FILING DATE: 2003-09-25
| PRIOR APPLICATION NUMBER: 60/413,549
| PRIOR APPLICATION NUMBER: 60/413,549
| PRIOR FILING DATE: 2002-09-25
| SOFTMARE: Patentin version 3.2
| SEQ ID NO 187
| LENGTH: 20
| TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-671-395-187/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
ORGANISM: artificial
; PEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-185
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US-10-671-395-186/c
                                      US-10-671-395-187
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APPLICANT: Clerse, James K
APPLICANT: Clerse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 186
LENGTH: 20
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Best Local Similarity 88.9%;
Matches 16; Conservative
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 186, A Publication No.
                                                            OTHER INFORMATION: Human
                                                                                  ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.1%;
Local Similarity 88.9%;
es 16; Conservarion
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  1.1%;
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
  Score 14.8;
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2.4e+02;
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  Length 20;
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US-10-671-395-189/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188
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US-10-671-395-188/c
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APPLICANT: Giarse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1199/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 189
LENGTH: 20
TYPE: DNA
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Publication No. US20040132063A1
GENERAL INFORMATION:
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LENGTH: 20
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                                                                  Matches
                                                                                             Query Match
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
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                                                                                                                                                OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                               FEATURE:
                                                                                                                                                                               ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial
                                                                                 Local
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Local Similarity 88.98;
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                           1520 АЛАЛАЛАЛАЛАГТАЛАЛ 1537
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                                                                               Similarity
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5. US20040132063A1
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Pred. No. 2.4e+02;
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0; Mismatches 2
                                                                              Score 14.8;
Pred. No. 2.
                                                                Mismatches
                                                                                 .4e+02
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                                                                Gaps
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US-10-671-395-192/c
Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
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US-10-671-395-191/c
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                                                                                               RESULT 397
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                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
PILE REFERENCE: 1179/1/US
CURRENT PLING DATE: 203-09-25
CURRENT FLING DATE: 203-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 191
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 191, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 190
LENGTH: 20
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Best Local Similarity 88.9%;
APPLICANT: Pharmacia Corp
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ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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                                                                                                                                                                                                                                             Local Similarity hes 16; Conserv
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Pred. No. 2.
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Pred. No. 2.4e+02;
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US-10-671-395-194/c
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SEQ ID NO 193
LENGTH: 20
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Publication No. US20040132063A1
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PETICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
APPLICANT: Pharmacia Corp.

APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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TYPE: DNA
ORGANISM: artificial
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Similarity 88.9%;
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Pred. No. 2
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Pred. No. 2
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2.4e+02;
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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US-10-671-395-195/c
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FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-194
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Best Local :
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 194
LENGTH: 20
TYPE: DNA
                                                         SEQ ID NO 196
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Publication No. US20040132063A1
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                                                                        APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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ORGANISM: artificial
                                       ENGTH: 20
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Local Similarity 88.9%;
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88.9%;
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Pred. No. 2.4e+02;
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US-10-671-395-197/c
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                                                                                       ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-198
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US-10-671-395-198/c
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Query Match
Best Local Similarity 88.9
                                                                                                                                                                             NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 198
LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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APPLICANT: Gierge, James K
APPLICANT: Gierge, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                                                                                                                       TYPE: DNA
ORGANISM: artificial
FEATURE:
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e+02;
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Pred. No. 2
             Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Indels

0

Gaps

AAAAAAAAAAAGTAAAA 1537

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TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
TYPE: """
ITTLE OF INVENTION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 199
LENGTH: 20
TYPE: """
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 200
LENGTH: 20
THE OF SERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 200, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: artificial
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ORGANISM: artificial
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                  1520 ААЛАЛАЛАЛАЛАСТАЛАЛ 1537
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Pred. No. 2.
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Pred. No. 2.4e+02;
D; Mismatches 2;
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RESULT 406

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US-10-671-395-203/c
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Sequence 203, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
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SEQ ID NO 201
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                  Matches
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SEQ ID NO 202
LENGTH: 20
TYPE: DNA
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CCURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                     Best Local
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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Similarity 88.9%;
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b. US20040132063A1
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o. US20040132063A1
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Pred. No. 2.4e
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Pred. No. 2
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Sequence 204, Application US/10671395

| Publication No. US20040132063A1
| GENERAL INFORMATION: US20040132063A1
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: 1179/1/US
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT FILING DATE: 2003-09-25
| PRIOR APPLICATION NUMBER: 60/413,549
| PRIOR FILING DATE: 2002-09-25
| NUMBER OF SEQ ID NOS: 1809
| SOFTWARE: Patentin version 3.2
| SEQ ID NO 204
| LENGTH: 20
| CORGANISM: Artificial
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US-10-671-395-205/c
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Sequence 205, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 203
LENGTH: 20
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Best Local Similarity
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PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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FILE REFERENCE: 1179,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+(
0; Mismatches
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PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 206
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; PEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-205
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                                        APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
APPLICANT: Oderse, James K
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 207
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                Sequence 207, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local :
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
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APPLICANT: Gierse, James
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
                                  ORGANISM: artificial
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Pred. No. 2.4e
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Pred. No. 2
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Query Match
Best Local Similarity
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US-10-671-395-262/c
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                                                                                                                  ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-262
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TITLE OF INVENTION: ANTIERNSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER: OF SEQ ID NOS: 1809
SOUTWARE: PATENTIN VERSION 3.2
SEQ ID NO 208
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 262, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 20
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Best Local Similarity
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APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
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                                                                                                                                                   TYPE: DNA
ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e+02;
                                      Score 14.8; DB 1;
Pred. No. 2.4e+02;
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APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO 275

LENGTH: 20

TYPE: DNA
ORGANISM: artificial
FEATURE:
RESULT 417
US-10-671-395-276/c
; Sequence 276, Application US/10671395
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US-10-671-395-274/c
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Publication No. US20040132063A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 274
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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Best Local (
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Publication No. US20040132063A1
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ORGANISM: artificial
FEATURE:
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88.9%; Pred. No. 2
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PILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 277
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 276
LENGTH: 20
TYPE: DNA
                                                                        Sequence 311, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Gierse, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OP INVENTION: EXPRESSION
APPLICANT: Pharmacia Corp.
APPLICANT: Giezoe, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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APPLICANT: Gierse, James
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Pred. No. 2.4e
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 338
LENGTH: 20
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 311
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-338
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Publication No. US20040132063A1
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Best Local Similarity
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Publication No. US20040132063A1
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Best Local
           APPLICANT: Pharmacia Corp.

APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEO ID NOS: 1809
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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Pred. No. 2
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RESULT 423
US-10-671-395-427/c
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-427
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                                     APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PILING DATE: 2003-09-25
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 427
LENGTH: 20
TYPE: DNA
ORGANIAM: artificial
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K

APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2

TITLE OF INVENTION: EXPRESSION

PILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2003-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                            Sequence 427, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity 88.9
Matches 16; Conservative
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LENGTH: 20
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Publication No. US20040132063A1
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Best Local :
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-10-671-395-403/c
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ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e
0; Mismatches
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 433
LENGTH: 20
TYPE: DNA
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US-10-671-395-433
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 444
LENGTH: 20
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Best Local
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Best Local Similarity
Matches 16; Conserv
                                                                   Matches
                                                                                                   Query Match
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Publication No. US20040132063A1
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                                                                                    Best
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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APPLICANT: Gierse, James
                                                                                                                                                                    ORGANISM: artificial FEATURE:
                                                                                                                                                                                                       TYPE: DNA
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                                                                                   Local
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                                 1520 AAAAAAAAAAAGTAAAA 1537
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o. US20040132063A1
                                                                   Conservative
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Pred. No. 2.4e
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Pred. No. 2.
                                                                                   Score 14.8; DB 1;
Pred. No. 2.4e+02;
                                                                 Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
                                                                                                      DB 1;
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, ORGANISM: artificial
, FEATURE:
, OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-487
                                                     RESULT 428
US-10-671-395-654/c
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US-10-671-395-575/c
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Sequence 654, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 575
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Best Local Similarity
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Publication No. US20040132063A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pharmacia Corp.
APPLICANT: Glere, James K
APPLICANT: Glere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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APPLICANT: Gierge, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e
0; Mismatches
                                                                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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RESULT 430
US-10-728-399-400/c
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US-10-728-399-273/c
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                                                                                                                                                                                    Sequence 400, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
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APPLICANT: Colca, Jerry

TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION

FILE REFERENCE: 01455_1

CURRENT APPLICATION NÜMBER: US/10/728,399

CURRENT FILING DATE: 2003-12-05

NUMBER OF SEQ ID NOS: 627

SOFTWARE: Patentin version 3.2

SEQ ID NO 273
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 654
SEQ ID NO 400
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                   APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
FULR REFERENCE: 01455 1
CURRENT FAPPLICATION NUMBER: US/10/728,399
CURRENT FILLING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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                                   SOFTWARE: PatentIn version 3.2
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TYPE: DNA
ORGANISM: artificial
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TYPE: DNA
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o. US20040132078A1
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Pred. No. 2.
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Pred. No. 2.4e+02;
0; Mismatches 2
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GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: UTTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
CURRENT APPLICATION UNMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-13
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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US-10-661-088-12
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              PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                          Sequence 15, Application US/10661088 Publication No. US20040162253A1 GENERAL INFORMATION:
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SEQ ID NO 12
LENGTH: 20
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                                                                                                                              APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: JUTEAU, JEAN-MARC
APPLICANTON: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR PILING DATE: 2003-09-11
PRIOR FILING DATE: 2002-12-05
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OTHER INFORMATION: human mitoNEET antisense
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Local Similarity 88.9%;
hes 16; Conservative
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NO 15
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
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CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 12
LENGTH: 20
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NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 15
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                                                                                                                                                                                                                                                                                                                                                       Sequence 15, Application US/10661097 Publication No. US20040162254A1
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Best Local :
                                                            APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR PILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR PILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
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ORGANISM: Artificial Sequence
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88.9%; Pred. No. 2
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; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
    FEATURE:
    OTHER INFORMATION: Description of Artificial Sequence : OTHER INFORMATION: oligonucleotide
US-10-661-355-12
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APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
ITITLE OF INVENTION: AUTIVIRAL OLIGONUCLEOTIDES
FILE REPERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
VUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
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US-10-661-355-12
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US-10-661-355-15/c
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
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nes 16; Conserv
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Conservative
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 02949/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-19-13
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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LENGTH: 20
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Best Local Similarity
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APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
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SOFTWARE: PatentIn Ver. :
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.
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Pred. No. 2.
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RESULT 439
US-10-175-608-32/c
; Sequence 32, Appl:
; Publication No. U
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-661-099-15
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3EQ ID NO 15

LENGTH: 20
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ORGANISM: Artificial Sequence
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                                                                                                        APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                              NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: Stem Cell Factor
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                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/10/175,608 FILING DATE: 16-Oct-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: United States of America ZIP: 60606-6402
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TELEPHONE: 312/474-63
TELEFAX: 312/474-0448
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10175608
No. US20040181044A1
                                                                                                                                                                                                                                                                                                                              ILING DATE: 25-NOV-1992
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                                                                                                                                                                                                                                                  LING DATE: 10-OCT-1991
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                                                                                                                                                                                                                                                                                                                                                                    21-DEC-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                                                                                                                                                                                                                                                                                                                              07/982,255
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Pred. No. 2
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                                                                                                                                                                                                                              /573,616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Version #1.30
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US-10-175-608-34/c
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Suggs, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
                                                                                                              FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1520 AAAAAAAAAAAGTAAAA 1537
                TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/10/175,608 FILING DATE: 16-Oct-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 6300 Sears Tower,
                                                                            NAME: Clough, David W. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                              APPLICATION NUMBER: 09/589,701 FILING DATE: 10-OCT-1991 APPLICATION NUMBER: 07/573,616
                                                        REFERENCE/DOCKET NUMBER: 01017/35199
                                                                                                                                                                                          FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                              FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Marshall,
  TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                              ICATION NUMBER: 07/982,255
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Pred. No. 2.4e+02;
0; Mismatches 2
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lower, 233
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APPLICANT: Accord, Etienne
APPLICANT: Muller, Sylviane
APPLICANT: Muller, Sylviane
APPLICANT: Briand, Jean-Paul
APPLICANT: Briand, Jean-Paul
APPLICANT: Guichard, Giles
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
FILE REFERENCE: 03495.0166-01000
CURRENT APPLICATION NUMBER: US/09/825,886
CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/393,302
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: PCT/EP98/01409
PRIOR APPLICATION NUMBER: PCT/EP98/01409
PRIOR APPLICATION NUMBER: 60/040,969
PRIOR APPLICATION NUMBER: 60/040,969
PRIOR APPLICATION NUMBER: 9CT/EP98/01409
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 9CT/EP98/01409
PRIOR FILING DATE: 1997-03-12
PRIOR APPLICATION NUMBER: 9CT/EP98/01409
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                    Bequence 840, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Hovanessian,
APPLICANT: Callebaut, (
APPLICANT: Krust, Berne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09825886 Publication No. US20020076693A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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CURRENT APPLICATION NUMBER: US/09/888,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: primer
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                         427 GCGGCTGCGGCGCCGGCG 444
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                                                                                                                                                                                                                                                                                                                         GAGGCTGCCGCGCCGGCG 2
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STRANDEDNESS: single
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Pred. No. 2.
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Pred. No. 2.4e+02;
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PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 840
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09912014 Publication No. US20030059929A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature LOCATION: (0)...(0)...(0).OTHER INFORMATION: phosphorothioate backbone
                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Worderfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:

CHASTIFICATION DATA:
                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/146,504
PILING DATE: <UNknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1520 AAAAAAAAAAAAGTAAAA 1537
                                                         SEQUENCE DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                            TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 611 West Sixth Street
                                                                                                                                                                                                            TELEFAX:
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 1.1%;
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                                                         SEQ
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Pred. No. 2.5e
0; Mismatches
 Score 14.8;
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                                                         NO:
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 DB
 1;
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 Length
 21;
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Best Local Similarity Matches 16; Conserv

Conservative

88.9%; Pred. No. 2.5e+02; ative 0; Mismatches 2

2;

Indels

0;

Gaps

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Sequence 912, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: FOURON, Yves
ITITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION DATE: 2000-02-03

NUMBER OF SEQ ID NO 912

SOFTWARE: FRASTSEQ for Windows Version 3.0

SEQ ID NO 912
                                        ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912
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US-09-776-479-912/c
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Polynucleotides Useful for Modulationg Transcription FILE REFERENCE: 023070-115810US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ceres, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Weterings, Koen
APPLICANT: Apuya, Nestor R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:dT-20dNAME/KEY: modified_base
LOCATION: (21)
OTHER INFORMATION: n = g, c, a or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
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Goldberg, Robert B.
The Regents of the University of California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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  1.1%;
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  Score 14.8;
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Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
  DB 1;
Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 21;
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOPTMARE: PastSEQ for Windows Version 3.0
SEQ ID NO 912
LENGTH: 21
TYPE: DNA
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                                                                        ; LOCATION: 1 - r - A,T,C or G
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 446
US-09-776-479-912/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-096-221-4
                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/10096221
Publication No. US20020164628A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith
APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000700
CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-06-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Publication No. US20040067902A9 GENERAL INFORMATION:
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Matches 16; Conser
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Best Local Similarity
               Query Match
Best Local Similarity
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   Matches
                                                                                                                        NAME/KEY: misc_feature
                                                                                                                                                                                               LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Primer
                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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 16;
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 Conservative
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1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 2.5e+02;
tive 0; Mismatches
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Pred. No. 2.
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0; Mismatches
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2;
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                                      DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 21;
                                Length 21;
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 Indels
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   Gaps
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PILE REFERENCE: C01039/70060(AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: FASISEQ for Windows Version 3.0
SEQ ID NO 881
RESULT 450
US-10-100-321-23
/ Sequence 23, Application US/10100321
/ Publication No. US20030087251A1
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US-10-112-653-881/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-017-995-912/c
                                                                                                                                                                                                                                                                           US-10-017-995-912
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                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FABTSEQ for Windows Version 3.0
SEQ ID NO 912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 881, Application US/10112653 Publication No. US20030050268A1
                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Sequence
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                                                                                                                                                                                                                  Local
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                                                                                                                                                                                                                  Similarity
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o. US20030055014A1
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Pred. No. 2.5e+02;
                                                                                                                                                                                                                Score 14.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                  Length 21;
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES FILE REFERENCE: 492692000500 CURRENT APPLICATION NUMBER: US/10/100,321 CURRENT FILING DATE: 2002-03-11 PRIOR APPLICATION NUMBER: US 60/274,550 PRIOR FILING DATE: 2001-03-09 NUMBER FILING DATE: 2001-03-09 NUMBER OBTE: 2010-03-09 NUMBER OF SEQ ID NOS: 24 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 23 LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 451
US-10-371-066-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/10371066
Publication No. US20030162214A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: n = A,T,C
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LOCATION: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                           COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION CUNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: NO. US20030162214A1ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                                                                    REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                                        TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 611 West Sixth Street
                                                                   TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Nurith
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Pred. No. 2.5e+02;
0; Mismatches 2
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Sequence 41, Application US/10144179A
Publication No. US20030211483A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Schroeth, Gary
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABIOS.005A
CURRENT APPLICATION UNUMBER: US/10/144,179A
CURRENT FILING DATE: 2002-10-01
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                     RESULT 453
US-10-144-179A-41/c
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Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 55
SOFTWARE: PATENTIN VER. 2.0
SEQ ID NO 2
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194 CURRENT PEPLICATION NUMBER: US/10/170,172

CURRENT PILING DATE: 2002-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US/08/986,065 PRIOR FILING DATE: 1997-12-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SOSNOWSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthesized OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: secondary structure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: u
LOCATION: (21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                        1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                 l Similarity
16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                               AAAAAAAAAAAAAAAAA 18
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HELLER, MICHAEL J
EDMAN, CARL F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <u>ب</u>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 21;
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TYPE: DNA

ORGANISM: Artificial Sequence

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APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy A.
APPLICANT: Schnurr, Judy A.
APPLICANT: Schwar, Judy A.
APPLICANT: Schwar, Judy A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOW-07654
CURRENT APPLICATION UNMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 188
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
ITILE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT EILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
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NUMBER OF SEQ ID NOS: 1145

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 912

LENGTH: 21
                                                                                                                                                                                                                                      Sequence 188, Application US/10410031 Publication No. US20040010817A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 88.9%;
nes 16; Conservative
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Similarity 88.9%; Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10314578 o. US20030212026A1
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Pred. No. 2.
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APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy
APPLICANT: Schnurr, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOW-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 190
LENGTH: 21
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; OTHER INFORMATION: Synthetic
US-10-410-031-188
                                                                                         ; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo-dT primer
US-10-435-489-41
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US-10-410-031-190/c
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Best Local Similarity
Conserv
                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 10/144,179
PRIOR ETILING DATE: 2002-05-09
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 190, Application US/10410031 Publication No. US20040010817A1 GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                       APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
APPLICANT: Schroch, Gary
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABIOS. 005CP1
CURRENT APPLICATION NUMBER: US/10/435,489
CURRENT FILING DATE: 203-05-09
                                                                                                                                                                LENGTH: 21
TYPE: DNA
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ORGANISM: Artificial Sequence
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                   1.1%; Score 14.8; DB 1; Length 21;
Local Similarity 88.9%; Pred. No. 2.5e+02;
hes 16; Conservative 0; Mismatches 2; Indels
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Pred. No. 2.5e+02;
n: Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 14.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                 2.5e+02;
2;
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RESULT 460
US-10-002-536A-4/c
; Sequence 4, Application US/10002536A
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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE;
; OTHER INFORMATION: A control primer.
US-10-278-760-2
                                                                                                                             ; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence
US-10-002-536A-3
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US-10-002-536A-3
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APPLICANT: Schroth, Gary
APPLICANT: Applied Biosystems
TITLE OF INVENTION: Methods for Synthesizing Complementary DNA
FILE REFERENCE: 1560.012US1
CURRENT APPLICATION NUMBER: US/10/278,760
CURRENT FILING DATE: 202-10-23
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 458
US-10-278-760-2/c
                                                                                                                                                                                  SOPTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 24
TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/10002536A Publication No. US20030108874A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                   Matches
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                                                                                        Query Match
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                                                                                                                                                                                                                                                                                  APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Nombkowski, Alan A.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED (
TITLE OF INVENTION: (mRNAs) IN EUKARYOTIC ORGANISMS
TILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                     Local
1246 TCTTTGTTTTGTTTTTTAATC 1266
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                                                   l Similarity 81.(
17; Conservative
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                                                 Score 14.6; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 4
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Pred. No. 2.5e+02
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                                                     Indels
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; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-4
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CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABGMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
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APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
TITLE OF INVENTION: (MENAS) IN EUKARYOTIC ORGANISMS
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PPLICANT: JI, Yongga
                                                                          OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00663
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00662
OR APPLICATION NUMBER: PCT/USO1/00661
OR APPLICATION NUMBER: PCT/USO1/00661
OR APPLICATION NUMBER: PCT/USO1/00661
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                          APPLICATION NUMBER: PCT/US01/00670
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                                      FILING DATE:
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HANZEL, David K.
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2000-09-21
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                    60/234,687
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Pred. No. 3
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US-09-866-108-1460/c
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US-09-866-108-1459
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LENGTH: 17
TYPE: DNA
SEQ ID NO 1460
LENGTH: 17
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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CURRENT FILING DATE: 2001-05-25
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APPLICANT:
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NUMBER OF SEQ ID NOS: 15752
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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                                                                                    PRIOR FILING DATE: 2001-02-05
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: US 60/234,687
                                                                                                         APPLICATION NUMBER: US
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APPLICATION NUMBER: PCT/US01/00662
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1 Similarity 93.8%;
15; Conservative
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Pred. No. 2.4e
0; Mismatches
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US-09-866-108-2271/c

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CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PELICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR PELICATION NUMBER: US 60/236,359

PRIOR PELICATION NUMBER: US 60/236,359

PRIOR PELICATION NUMBER: PCT/US01/00666

PRIOR PELICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

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US-09-866-108-2270
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SEQ ID NO 2270
LENGTH: 17
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                                                                                                                                       Query Match
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                         OR APPLICATION NUMBER: PCT/USO1/00663
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00662
OR APPLICATION NUMBER: PCT/USO1/00661
OR APPLICATION NUMBER: PCT/USO1/00661
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00670
OR APPLICATION NUMBER: US 60/234,687
                                                                                                             Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    332 TTCCCAGGAGCTCCTG 347
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15; Conserv
                                                                                       15; Conservative
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                                                                                                          1.0%;
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                                                                                     Score 14.4; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 1.
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Pred. No. 2
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RESULT 464

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo s
US-09-866-108-2271
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00662
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SEQ ID NO 2271
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APPLICANT: Ribozyme Pharmaceuticals,
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
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APPLICANT: JI, Yonggang
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APPLICATION NUMBER: US 60/266,860
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Pred. No. 2.4e
0; Mismatches
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; ORGANISM: Homo sapiens
US-09-848-754A-831
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; ORGANISM: Homo sapiens
US-09-825-805-311
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR PILING DATE: 1999-12-30
PRIOR PILING DATE: 1999-12-30
PRIOR FILING DATE: 1999-12-29
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
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Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
SEQ ID NO 831
                                                                                      Sequence 352, Application US/09930423 Publication No. US20030092003A1 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
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CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
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APPLICATION NUMBER: 60/064,866
                                                                                                                                                                                                                                                                                            427 GCGGCTGCGGCGCCGG 442
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Pred. No. 2.
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Pred. No. 2.4e+02;
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                                   ; ORGANISM: Homo sapiens
US-09-745-237A-352
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US-09-745-237A-352
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US-09-740-332-2047/c
                                                                                                           Sequence 352, Application US/09745237A

Publication No. US20030143708A1

Publication No. US20030143708A1

GENERAL INFORMATION:

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

FILE REFERENCE: 400/007 (MGHB00-918-A)

CURRENT APPLICATION NUMBER: US/09/745,237A

CURRENT FILING DATE: 2002-04-15

NUMBER OF SEQ ID NOS: 4550

SOFTWARE: Patentin version 3.0

SEQ ID NO 352
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CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 2047
LENGTH: 17
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Publication No. US20030125270A1
GENERRAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
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CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: Patentin version 3.0
SEQ ID NO 352
LENGTH: 17
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Best Local Similarity
Query Match
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Best Local Similarity
                                                                          LENGTH: 17
TYPE: RNA
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NAME/KEY: misc_feature
LOCATION:
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93.8%; Pred. No. 2.4e+02;
1.0%;
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Pred. No. 2.
Score 14.4;
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Length 17;
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APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REFERENCE: MBHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Bapiens
US-10-138-674-1069/c
; Sequence 1069, Application US/10138674
; Publication No. US20040077565A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 471
US-10-163-552-8/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2047
                                                          RESULT 472
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Best Local Similarity 93.8
Matches 15; Conservative
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CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2047
LENGTH: 17
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Matches 14; Conserv
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: artificial sequence FEATURE: MAME/KEY: misc_feature
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llarity 93.8%;
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Pred. No. 2.4e+02;
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1; Mismatches 1
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Pred. No. 2.4e+02;
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US-10-669-841-4640/c

Sequence 4640, Application US/10669841 Publication No. US20040127446A1

APPLICANT: Sirna Therapeutics,

Inc.

Lawrence, Blat

INFORMATION:

APPLICANT:
APPLICANT:
APPLICANT:

Dennis, Macejak James, McSwiggen David, Morrissey

APPLICANT:

Pamela, Pavco Patrice, Lee

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                                                                                                                                                                                                                         TITLE OF INVENTION: Method and Reagent for the Treatment of TITLE OF INVENTION: Levels of Vascular Endothelial Growth FILE REFERENCE: MeHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1069, Application US/10287949A Publication No. US20040102389A1 GENERAL INFORMATION:
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LENGTH: 17
                                                                          Matches
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                                                                                           Query Match 1.0%;
Best Local Similarity 93.8%;
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CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
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                                                                                                                                                                LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
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                     1521 AAAAAAAAAAAGTAAA 1536
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Similarity 93.8%;
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                                                                                           Score 14.4; DB 1;
Pred. No. 2.4e+02;
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Pred. No. 2
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXI
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR TILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/2036,359
PRIOR APPLICATION NUMBER: US 60/236,359
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Best Local Similarity 93.6
Matches 15; Conservative
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NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4640
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1459, Application US/10723361
Publication No. US20040137589A1
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                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                          APPLICANT: GU, YI
APPLICANT: JI, Y
APPLICANT: PENN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-02-15
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LOCATION:
OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
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APPLICATION NUMBER: US 09/504,321
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APPLICATION NUMBER: US 09/740,332
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/358,580
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 2.4e+02;
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US-10-723-361-1460/c
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                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR PILING DATE: 2001-05-25
PRIOR PPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755 SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 1460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 1459
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Best Local
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART I
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
CURRENT FILING DATE: 2003-11-26
                                                                                                 PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                          PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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DR APPLICATION NUMBER: PCT/US01/00666

DR FILING DATE: 2001-01-30

DR APPLICATION NUMBER: PCT/US01/00667

OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/US01/00664

OR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00665
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PENN, Sharron
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ilarity 93.8%;
Conservative
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Pred. No. 2
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US-10-723-361-2271/c
; Sequence 2271, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
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Best Local Similarity
Thes 15, Conserve
                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2270
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US-10-723-361-2270/c
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Best Local Similarity 93.8%;
Matches 15; Conservative
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 9/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 6/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00666
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93.8%; Pred. No. 2.4e+02;
tive 0; Mismatches 1;
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Pred. No. 2.
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APPLICANT: Hiraga, Susumu
TITLE OF INVENTION: Rice Peroxidase Having Va
TITLE OF INVENTION: Characteristics
FILE REFERENCE: 59150-8019
CURRENT APPLICATION NUMBER: US/10/149,506
CURRENT FILING DATE: 2003-02-19
FRIOR APPLICATION NUMBER: DET/US00/08728
PRIOR FILING DATE: 2000-12-08
PRIOR FILING DATE: 2000-12-08
PRIOR FILING DATE: 1999-12-10
NUMBER OF SEQ ID NOS: 59
SOFTWARE: FastSEQ for Windows Version 4.0
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SEQ ID NO 48
LENGTH: 18
TYPE: DNA
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00668
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CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359
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Best Local S
Matches 15
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NUMBER OF SEO ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2271
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 48, Application US/101 Publication No. US20040091860A1 GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ohashi, Yuko APPLICANT: Mitsuhara,
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
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                                                                                                                                                                                                                                                                                                                                                       Nagamura, Yoshiaki
Ito, Hiroyuki
                                                                                                                                                                                                                                                                                                                                                                                                   Mitsuhara, Ich
Sasaki, Takuji
                                                                                                                                                                                                                                                                                                                                     Iwai, Takayoshi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/10149506
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EL, David
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93.8%; Pred. No. 2.4;
tive 0; Mismatches
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2.4e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide US-09-563-728A-6
                                                                                      SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA; ORGANISM: Artificial Sequence; FEATURE: ; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC; OTHER INFORMATION: DNA
US-10-057-783A-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-563-728A-6
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CURRENT FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 46
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.0%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local (
                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoume
APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/09563728A Publication No. US20030078216A1
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Query Match
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                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Forster, Anthony C.
TITLE OF INVENTION: Process and compositions for peptide, protein and TITLE OF INVENTION: peptidomimetic synthesis
FILE REFERENCE: 1
                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 36
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NAME/KEY: misc_feature
LOCATION: (1)...(18)
OTHER INFORMATION: R1420FP1
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Pred. No. 2.6e+02;
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Pred. No. 2
   Score 14.4;
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 DB 1;
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 Length 20;
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                                                    ; OTHER INFORMATION: primer US-10-145-493B-51
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US-10-145-493B-51
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                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Besterman, Jeffrey
APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1998-10-19
PRIOR FILING DATE: 1998-10-19
PRIOR FILING DATE: 1998-10-19
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APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
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LENGTH: 20
                                                                                                                                                          NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.0
SEQ ID NO 51
                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 51, Application US/10145493B Publication No. US20030096777A1
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Matches 15; Conser
                  Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
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SOFTWARE: Patentin V
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified base
LOCATION: 1-4 and 17-20 are modified
OTHER INFORMATION: Bositions 1-4 and 17-20 are 2'-methoxyribose
OTHER INFORMATION: substituted nucleotides; positions 5-16 are
OTHER INFORMATION: deoxyribonucleotides
                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                       FEATURE:
                                                                                                                                         ENGTH: 20
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No. US20030078216A1
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1.0%;
93.8%;
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Pred. No. 2.9e+02;
 Score
Pred.
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0; Mismatches 1
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 14.4; DB 1;
No. 2.9e+02;
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                    Length 20;
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FILE REFERENCE: BYLR0065
CURRENT APPLICATION NUMBER: US/10/340,097
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US/09/032,438A
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: Patentin version 3.1
SEQ ID NO 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; TYPE: DNA
; PEANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-114
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US-10-336-215-114
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APPLICANT: Allikments, Rando
APPLICANT: Anderson, Kent L
                                                                                                                                                                                                                                              Sequence 114, Application US/10336215 Publication No. US20030170852A1 GENERAL INFORMATION:
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Best Local &
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
TITLE OF INVENTION: Transporter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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APPLICANT: Sun, Hui
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INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
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                                             Lupski, James R.
Nathans, Jeremy
Rattner, Amir
Shroyer, No. US20030170852Alh
Singh, Nanda
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Leppert, Mark
Dean, Michael
Singh, Nanda
Shroyer, No. US20030162276Alh
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Nathans, Jeremy
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                                 Smallwood, Philip
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                                                                                                                                                           Richard A.
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FILE OF INVENTION: Transporter
FILE REFERENCE: APP10089
CURRENT APPLICATION NUMBER: US/10/336,215
CURRENT FILING DATE: 2003-04-11
PRIOR PELICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR FILING DATE: 1997-02-27
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 114
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: TYPES DATE
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                               TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences
TITLE OF INVENTION: ATP-Binding Cassette Transporter
FILE REFERENCE: BYLR0072
CURRENT APPLICATION NUMBER: US/10/336,219
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOPTWARE: Patentin version 3.2
SEQ ID NO 114
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Best Local &
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                   1191 TTCGTGTGTGGTCTTT 1206
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Nathans, Jeremy
Rattuer, Amir
Shroyer, No. US20030170853A1h F.
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D. US20030170853A1
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                                                                       Conservative
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                                                                     1.0%; Score 14.4; DB 1; 93.8%; Pred. No. 2.9e+02; tive 0; Mismatches 1;
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APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/092,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NOS: 11796
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APPLICANT: Fink, John K.
APPLICANT: Zhao, Xinping
TITLE OF INVENTION: Atlastin
FILE REFERENCE: UM-07745
CURRENT APPLICATION NUMBER: US/10/364,748
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn version 3.2
SEQ ID NO 60
            RESULT 489
US-10-289-762-6476
Sequence 6476, Application US/10289762
Publication No. US20040006218A1
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-364-748-60
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Best Local Similarity
Matches 15; Conserv
GENERAL INFORMATION:
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Publication No. US20040005584A1
GENERAL INFORMATION:
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Publication No. US20030224968A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.0%;
Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
NAME/KEY: primer bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-8655 for SEQ 2124,
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Pred. No. 2.9e+02;
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Pred. No. 2
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Query Match
Best Local Similarity
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                                                                                                                                                                          US-10-295-471-115
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SEQ ID NO 44
LENGTH: 20
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6476
LENGTH: 20
TYPE: DNA
CONCENTER OF SERVICE AND CONTROL OF SERVICE OF SERVIC
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Matches
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                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 147
SEQ ID NO 115
LENGTH: 20
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Best Local
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TITLE OF INVENTION: WODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0368
CURRENT APPLICATION NUMBER: US/10/295,471
CURRENT FILING DATE: 2002-11-16
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CURRENT FILING DATE: 2002-11-16
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
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OTGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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1 Similarity 93.8%; Pred. No. 2.9e+02;
15; Conservative 0; Miamarchc-
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                                      Conservative
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93.8%; Pred. No. 2.90
bive 0; Mismatches
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                                   Score 14.4; DB 1
Pred. No. 2.9e+02
0; Mismatches
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                                                                                                          DB 1;
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1036 AGTGGGCGGCGGTGGT 1051

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RESULT 492
US-10-315-962-67/c
, Sequence 67, Application US/10315962
, Publication No. US20040109848A1
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; OTHER INFORMATION: AntiBenBe Oligonucleotide
US-10-315-962-67
                                                                                                                US-10-251-117-247/c
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                                                                                                                                  RESULT 494
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                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 6
LENGTH: 20
TYPE: DNA
                 Sequence 247, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/10316244 Publication No. US20040110148A1 GENERAL INFORMATION:
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LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
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APPLICANT: N1
APPLICANT: Su
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
FILE REFERENCE: HTS-0096
CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: ETS-0046
CURRENT EPPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
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FITLE OF INVENTION: RN
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Local Similarity 93.8%;
hes 15; Conservative
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93.8%;
 Interference Mediated Inhibition of Epidermal Growth Factor
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Pred. No. 2.9e+02;
0; Mismatches 1;
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Pred. No. 2
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                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: US-10-251-117-496
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US-10-251-117-496
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CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
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                                           Matches
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LENGTH: 19
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Tocal Similarity
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                                                                                    Query Match
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
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PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
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TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                             FEATURE:
                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                        TYPE: RNA
                                                                    Local
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1519 ТАЛАЛАЛАЛАЛАЛ 1537
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                                                                  Similarity
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                                                                  78.9%;
                                           1; Mismatches
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                                                                  Score 14.2;
Pred. No. 3
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Pred. No. 3
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-251-117-781
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US-10-251-117-781
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                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 781
LENGTH: 19
                                         Matches
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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-09-766-450-48/c
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/296,249 PRIOR FILING DATE: 2001-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
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APPLICANT: Volik, Stanislav
APPLICANT: Gray, Joe W.
APPLICANT: Albertson, Donna
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TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
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TYPE: DNA
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                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 09/916,466 FILING DATE: 2001-07-25
1523 AAAAAAAAGTAAAAGGGA 1541
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5. US20030170891A1
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                                                          Score 14.2;
Pred. No. 3
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                                                            3e+02;
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                                                                          Length 19;
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                                         Indels
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; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/sinA sense US-10-251-117-859
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US-10-251-117-859/c
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                                                 SOFTWARE: PatentIn version 3.0 SEQ ID NO 1088 LENGTH: 19
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                                                                                                                                                       TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor ReTITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB0Z-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR APPLICATION NUMBER: US 00/358,580
PRIOR APPLICATION NUMBER: US 00/358,580
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR PILING DATE: 2001-07-25
PRIOR PILING DATE: 2001-07-25
PRIOR PILING DATE: 2001-06-06
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PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
                                                                                                                                         NUMBER OF SEQ ID NOS: 1213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
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APPLICANT: McSwiggen, James
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ORGANISM: Artificial Sequence
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US-10-349-143-6158
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US-10-251-117-1166
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                                                                                                                                                                                                                                                                                                                                                                   Sequence 6158, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
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Publication No.
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
TITLE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT PILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-07-09
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
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CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR PILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: P
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PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patentin version 3.0
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ORGANISM: Artificial Sequence
FEATURE:
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nes 6; Conser
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Local Similarity 84.2%;
es 16; Conservation
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Pred. No. 3e+02;
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        US 60/082,614
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                                                                                     60/109,732
                                                                                                                                                                       09/298,850
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CURRENT APPLICATION NUMBER: US/10/364,748
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin version 3.2
SEQ ID NO 60
LENGTH: 20
CRGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                          US-09-923-517-125/c
                                                                                                                                                                                                                                                                                                                                                                         RESULT 503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-364-748-60
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US-10-364-748-60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 60, Applica Publication No. US20 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Fink, John K.
APPLICANT: Zhao, Xinping
TITLE OF INVENTION: Atlastin
FILE REFERENCE: UM-07745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                           GENERAL
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NAME/KEY: primer_bind
LOCATION: 1..19
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ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH,
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                        TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods Activating Protein 1
                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1245 ATCTTTGTTTTGTTTTTA 1263
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                                                                                                                                                                                                                                                                                                             INFORMATION:
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Similarity 84.2%;
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Similarity 84.2%;
                                                                                                                STATE: NJ
COUNTRY: U
                                                                                                                                              CITY: Marlton
                                                                                                                                                                STREET: 66 East Main
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                                                                                                                                                                                                                                                                                                                                        Application US/09923517
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                                                                                                                                                                                                                                                                                         Nicholas M. Dean; Robert A. McKay;
                                                                                                                                                                                                                                                                            Miraglia; Brenda F.
                                                                                                              USA
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Pred. No. 3
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                                                                                                                                                                  Street
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                                                                   1.44 MB STORAGE
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US-09-923-517-132/c
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
                                           INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: Unknown>
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: JANG MASSAY LICETS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
EILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
CORRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                             REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: <Unknown>
                                                                                                                                                    NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Activating Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
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Pred. No. 3.
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SOFTWARE: Patent.pm
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-731-457B-22
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                                                                                                                                                                     Sequence 22, Application US/09731457B
Patent No. US20020103146A1
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAWAGE-SPECIFIC DNA BINDING PROTEIN 1,
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0182
                               CURRENT APPLICATION NUMBER: US/09/731,457B
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: BLUMENE
APPLICANT: BOUGUEI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/106,457
PRIOR FILING DATE: 1999-10-30
PRIOR APPLICATION NUMBER: 60/103,955
PRIOR FILING DATE: 1998-10-12
PRIOR APPLICATION NUMBER: 60/132,277
PRIOR APPLICATION NUMBER: 60/132,277
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ESSIOUX, Laurent
APPLICANT: ESSIOUX, Laurent
TITLE OF INVENTION: Genee, proteins and biallelic markers related to central...
FILE REFERENCE: GENSET.045AUS
CURRENT FILING DATE: 1999-10-12
CURRENT APPLICATION NUMBER: US/09/416,384A
PRIOR APPLICATION NUMBER: 60/106,457
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
OTHER INFORMATION: Antisense Oligonucleotide
                     FEATURE:
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ANTI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
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BOUGUELERET, Lydie
CHUMAKOV, Ilya
COHEN, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: Single
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84.2%; Pred. No. 3
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Pred. No. 3.2e
0; Mismatches
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3.2e+02;
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                                                                                                                                           ; SEQ ID NO 6; LENGTH: 20; TYPE: DNA; ORGANISM: Homo sapiens US-09-922-101-6
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-401-6
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Best Local Similarity 84.2%;
Matches 16; Conservation
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Patent No. US20020115104A1
GENERAL INFORMATION:
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                                                                       Matches
                                                                                      Query Match 1.0%;
Best Local Similarity 84.2%;
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CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/922,101
CURRENT FILING DATE: 2001-08-06
PRIOR APPLICATION NUMBER: 09/306,998
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 72
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bartel, Paul L.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
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TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
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                                 1238 CTTCCTCATCTTTGTTTTG 1256
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CTTCCTCCTCTTTGTATGG 19
                                                                       Conservative
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Pred. No. 3.2e+02
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Pred. No. 3.2e+02;
                                                                                      Score 14.2; DB 1
Pred. No. 3.2e+02
                                                                     Mismatches
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RESULT 510
US-09-263-959-849
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OTHER INFORMATION: No. US20020146718Alel Sequence US-09-955-410-4
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CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 09/686,114
PRIOR FILING DATE: 1996-07-24
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 849, Application US/09263959
Patent No. US20020150891A1
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Best Local Similarity 84.2%;
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                 TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 845
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
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                                                                                                NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTINUMBER OF SEQUENCES: 1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rowen, Lee APPLICANT: Koop, Ben F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 05-MAR CLASSIFICATION:
                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
STATE: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hood, Leroy E.
                                                                                                                                                                                                                           05-MAR-1999
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Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               701 Fifth Avenue
                                                                                                                                                                                                                                                                                         Version
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US-09-729-658B-51
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-402-6
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Best Local Similarity 84.2
Marches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 51
LENGTH: 20
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Patent No. US20020168752A1
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                                                                                                                                                                                                  APPLICANT: Zonana et al.

APPLICANT: Zonana et al.

TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins FILE REFERENCE: 55924

FILE REFERENCE: 55924

CURRENT APPLICATION NUMBER: US/09/729,658B

CURRENT FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 09/342,681

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR FILING DATE: 1998-07-09

PRIOR FILING DATE: 1998-12-15

NUMBER OF SEQ ID NOS: 122
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CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
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SOFTWARE: PatentIn Ver. 2.0
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TITLE OF INVENTION: MMSC2- AN MMAC1 Interacting Protein
                                                                             LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                 OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonuclectide primers that were used OTHER INFORMATION: human DL.
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TOPOLOGY: li
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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RESULT 514
US-09-784-674-339
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GENERAL INFORMATION:
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SEQ ID NO 11
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Best Local
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CURRENT FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR FILING DATE: 1999-09-17
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APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
TITLE OF INVENTION: FACTOR BETA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISPH-0607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 20
COUNTRY: USA
ZIF: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
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                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager,
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                        Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1018 ACCTGGAGATTGACGCAGA 1036
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Similarity 84.2%;
                                                                                                                                                                                                           STATE: CA
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>. US20030054346A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                Wolber, Paul K.
                                                                                                                                                                                                                                                                                                                                                                                            Delenstarr, Glenda C.
Webb, Peter G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.0%; Score 14.2; DB 1
84.2%; Pred. No. 3.2e+02
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Pred. No. 3.
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                                                                                                                                                                                                                                                                                 Legal Department, Hewlett-Packard
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RESULT 515
US-09-784-674-340
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TELECOMMUNICATION: INFORMATION:
TELEPHONE: 650-236-2386
TELEPAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 339:
SEQUENCE CHARACTERISTICS:
                      INFORMATION
                                                COMPUTER: IBM PC COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION DATA:
APPLICATION NO. US20030054346A1 available
PRIOR APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEPHONE: 650-236-2386
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nes 16; Conserva
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ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 339:
                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Records Manager,
Company M/S 20BO
STREET: 3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Palo Alto
TELEFAX: 650-852-8063
N FOR SEQ ID NO: 340:
NCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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o. US20030054346A1
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Pred. No. 3.2e+02
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TITLE OF INVENTION, ANTISENSE MODULATION OF CD81 EXPRESSION FILE REFERENCE: RTS-0341
CURRENT APPLICATION NUMBER: US/10/006,430
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
OPCANTY
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US-10-006-430-38/c
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TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THI
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LO
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
FRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: DS/534,061
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                                                                                                                                                                                                                                                                       Sequence 38, Application US/10006430 Publication No. US20030113914A1 GENERAL INFORMATION:
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LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ying, Vin
APPLICANT: Wu, Paul
APPLICANT: Gray, Ga
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Homo sapiens
FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 1.0%;
Local Similarity 84.2%;
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ANTI-SENSE: NO
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Pred. No. 3
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Pred. No. 3.2e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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US-10-006-191-45/c

Sequence 45, Application US/10006191

Publication No. US20030144223A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: MISSING MARTE

TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC

FILE REFERENCE: RTS-0274

CURRENT APPLICATION NUMBER: US/10/006,191

CURRENT FILING DATE: 2001-12-10
US-10-154-890-4

US-10-154-890-4

; Sequence 4, Application US/10154890

; Publication No. US20030180734A1
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US-10-010-002-71/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-010-002-71
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                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-45
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                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 153
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 84.2 Matches 16; Conservative
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LENGTH: 20
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Best Local Similarity
                                                                                                                                                                           Matches
                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brenda F. Baker
APPLICANT: Kenneth Dobie
TITLE OP INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
FILE REFERENCE: RTS-0331
CURRENT APPLICATION NUMBER: US/10/010,002
CURRENT FILLING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                         Local Similarity nes 16; Conserv
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                                                                                                                                        1167 TATTTGTTGAAATAGTGAC 1185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         948 CACTITCIGICCCICGCGC 966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TTTTCTGTAAGAGAAAATA 2
                                                                                                        TATTTGTTGAGAGTGTGAC 2
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                                                                                                                                                                           Conservative
                                                                                                                                                                                       1.0%;
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                                                                                                                                                                                           Score 14.2; DB 1;
Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
                                                                                                                                                                           Mismatches
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US-10-430-196-125/c
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APPLICANT: Bigholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISISO540
CURRENT APPLICATION NUMBER: US/10/154,890
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US/08/108,591
PRIOR FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 125, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
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                                         INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: No. US20030180734Alel Sequence
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                                                                                                                                                                                APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE COMPUTER: IBM PS/2 OPERATING SYSTEM: WINDOWS 95 SOFTWARE: WORDPERFECT 6.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miragila; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08053
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                       REFERENCE/DOCKET NUMBER: ISPH-0209 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 Bast Main Street
                                                                                         TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
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TYPE: Nucleic Acid
                        LENGTH:
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84.2%; Pred. No. 3.2
ative 0; Mismatches
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; SEQUENCE DESCRIPTION: SEQ ID NO: 125: US-10-430-196-125
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                         TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                               NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miragila; Brenda F. Baker TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
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                                 1290 TTGTGTGGTTAATCTATTT 1308
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                                                                         16;
 TIGIGITITIAATTIATIT 1
                                                                                                                                                                                                       TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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                                                                                                                                                                                                                                                                     LENGTH: 20
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                                                                             Conservative
                                                                                           1.0%;
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                                                                         Score 14.2; D
Pred. No. 3.2e
O; Mismatches
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Pred. No. 3.2e+02;
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                                                                                         3.2e+02
                                                                                                               Length 20
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RESULT 525
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US-10-104-047-3983/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-23
                                                         US-10-388-329-5/c
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TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTSP-0351
CURRENT APPLICATION NUMBER: US/10/181,874
CURRENT FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: 09/489,869
PRIOR FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3983, Application US/10104047 Publication No. US20030236392A1 GENERAL INFORMATION:
GENERAL INFORMATION
                 Sequence 5, Application US/10388329 Publication No. US20040002093A1
                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3983
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Best Local Similarity
                                                                                                                                                                                                                                          Query Match
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CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: HELIX RESEARCH INSTITUTE TITLE OF INVENTION: NO. US200302363: FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Isis Pharmaceuticals, APPLICANT: Susan Murray APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                         Local
                                                                                                                                                                 792 GGTATATACGAAAGTGCTG 810
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                                                                                                                                                                                                      Similarity 84.2
L6; Conservative
                                                                                                                              GCTATATAGGAAAATGCTG 1
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Pred. No. 3.
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Pred. No. 3.2e+02
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APPLICANT: SHI, LIANG
TITLE OF INVENTION: NUCLEIC ACID DETECTION METHOD
FILE REFERENCE: 109845.191US2; TMRI-020US

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Sequence 5443, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
GRIEfeats, R.
APPLICANT: Griffeats, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmente TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5443
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-388-329-5
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                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 527
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Publication No. U320040006218A1
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4133
LENGTH: 20
TYPEL NOT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/388,329
CURRENT FILING DATE: 2003-03-13
PRIOR APPLICATION NUMBER: 60/364,230
PRIOR FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Chlamydia pneumoniae:-10-289-762-4133
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 84.2%;
nes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 84.2
nes 16; Conservative
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1.0%;
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Pred. No. 3.2e+02
0; Mismatches
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Pred. No. 3.2e+02;
0; Mismatches 3;
Score 14.2; DB 1;
Pred. No. 3.2e+02;
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                    Length 20;
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NUMBER OF SEQ ID NOS: 148
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-633-163-11/c
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SEQ ID NO 11
LENGTH: 20
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APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
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Matches 16;
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                                                                     Matches
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                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH TITLE OF INVENTION: FACTOR BETA EXPRESSION FILE REFERENCE: ISPH-0607 CURRENT APPLICATION NUMBER: US/10/633,163 CURRENT FILING DATE: 2003-08-01 PRIOR APPLICATION NUMBER: US/09/948,002 PRIOR FILING DATE: 2000-09-05 PRIOR APPLICATION NUMBER: US/09/661,753 PRIOR APPLICATION NUMBER: 09/661,753 PRIOR APPLICATION NUMBER: 60/154,546 PRIOR APPLICATION NUMBER: 60/154,546 PRIOR APPLICATION NUMBER: 60/154,546 PRIOR FILING DATE: 1099-09-17
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APPLICANT: Kenneth W. Dobie
TITLE OF LINVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0375
CURRENT APPLICATION NUMBER: US/10/199,199
CURRENT FILING DATE: 2002-07-18
                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
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                                 627 GCCACGGGAGGTGGCGCC 645
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                                                                                      Similarity
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                                                                                    1.0%; Score 14.2;
84.2%; Pred. No. 3
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Pred. No. 3.2e+02;
                                                                     Mismatches
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RESULT 530

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; SEQ ID NO 86
; LENGTH: 20
; TYPE: DA
; TYPE; DA
; ORGANISM: Mouse
US-10-280-183A-86
US-10-300-424-109
, Sequence 109, Application US/10300424
, Publication No. US20040096835A1
, GENERAL INFORMATION:
, APPLICANT: Kenneth W. Dobie
                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-300-424-47
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TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASS
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTH
FILE REFERENCE: PC18366A
CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR PILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 652
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Publication No. US2004096835A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0437
CURRENT APPLICATION NUMBER: US/10/300,424
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 129
SEQ ID NO 47
LENCTH: 20
TYPE: DNA
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Beauchamp, Gary K.
Chatterjee, Aurobindo
De Jong, Pieter J.
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Reed, Danielle R.
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ilarity 84.2%;
Conservative
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                                                                                                                                                                                                                                          Score 14.2;
Pred. No. 3.
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Pred. No. 3.
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                                                                                                                                                                                                                                                         Length 20;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 255

LENGTH: 20
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SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: H. BapienB
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APPLICANT: Broschat, Kay
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOPTWARE: Patentin version 3.2
SEQ ID NO 94
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Best Local (
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/300,424
CURRENT FILING DATE: 2002-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: human GFAT antisense
ORGANISM: artificial
                  TYPE: DNA
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No. US20040102412A1
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84.2%; Pred. No. 3
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3.2e+02;
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CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: Patentin version 3.2
SEQ ID NO 2086
LENGTH: 20
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US-10-688-706-925
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                                                                                                                      ; OTHER INFORMATION: human GFAT antisense US-10-688-706-2086
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                                   Query Match
Best Local Similarity
Thes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2086, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: Patentin version 3.2
SEQ ID NO 925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 925, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
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Best Local (
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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APPLICANT: Broschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 0139/1
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
                                                                                                                                                       TYPE: DNA
ORGANISM: artificial
FEATURE:
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; Pred. No. 3.2e
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                                                                    Score 14.2; DB 1;
Pred. No. 3.2e+02;
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Pred. No. 3.
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3.2e+02;
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APPLICANT: Broschat, Kay
ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER: OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2441

LENGTH: 20
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                                                                                                      RESULT 539
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 Sequence 90, Application US/10315962
Publication No. US20040109848A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 20
LENGTH: 20
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Publication No. US20040102412A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local
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APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 3.
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Pred. No. 3.2e+02;
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FILE REFERENCE: PTS-0046
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANTON:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION FILE REFERENCE: HTS-0096; CURRENT APPLICATION UNMBER: US/10/316,244; CURRENT FILING DATE: 2002-12-10; NUMBER OF SEQ ID NOS: 219

SEQ ID NO 64
LENGTH: 20
TYPE: num
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                                             US-10-316-244-162
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                                                                                                 Sequence 162, Application US/10316244

Publication No. US20040110148A1

GENERAL INFORMATION:

APPLICANT: C. FYANK Bennett

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION

FILE REFERENCE: HTS-0096

CURRENT APPLICATION NUMBER: US/10/316,244

CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NO 162

LENGTH: 20

TYPE-CONTROL TO NOS: 219
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Best Local Similarity
Query Match
Best Local Similarity
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ORGANISM: Artificial Sequence
                                                                   ORGANISM: M. musculus
                                                                                           TYPE: DNA
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Pred. No. 3.2e+02
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Pred. No. 3
Score 14.2; DB 1;
Pred. No. 3.2e+02;
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SOFTWARE: Patentin version 3.2
SEQ ID NO 706
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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                                                                                                                                  ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-671-395-706/c
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APPLICANT: Kenneth Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS)

FILE REFERENCE: RTS-0331

CURRENT APPLICATION NUMBER: US/10/744,831

CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: US/10/010,002

PRIOR FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 91

LENGTH: 20

TYPE: DNA

TYPE: DNA
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Best Local
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                                                                                             Query Match
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                                                                                                                                                                                                                                                                               APPLICANT: Pharmadia Corp.
APPLICANT: Gierge, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 6004-09-25
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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                                                                                 Local
                             1301 ATCTATTTTTTTTTTTC 1319
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Similarity 84.2%;
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                                                                               Score 14.2;
Pred. No. 3.
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Pred. No. 3.2e+02;
                                                                 Mismatches
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RESULT 544 US-10-671-395-781/c

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US-10-671-395-836/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-836
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APPLICANT: CHARMACIA COYD.

APPLICANT: CHARMACIA COYD.

APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 836
LENGTH: 20
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILIGHTION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN Version 3.2
SEQ ID NO 781
LENGTH: 20
                                                                                                  Sequence 994, Application US/10671395
Publication No. US20040132063A1
                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                   GENERAL INFORMATION:
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Publication No. US20040132063A1
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ORGANISM: artificial
FEATURE:
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-781
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 84.2
16; Conservative
                                                                                                                                                                                                                                                            1244 CATCTTTGTTTTGTTTTTT 1262
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o. US20040132063A1
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 994
LENGTH: 20
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-994
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                                 GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1111
LENGTH: 20
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Publication No. US20040132063A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James
                   NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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PatentIn version 3.2
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Pred. No. 3.
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Pred. No. 3
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3.2e+02;
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RESULT 550
US-10-728-399-141/c

/ FEATURE:
/ OTHER INFORMATION: human mitoNEET antisense
US-10-728-399-141

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US-10-671-395-1309/c
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                                                                                                    APPLICANT: Pharmacia COrp.
APPLICANT: COlca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT PELICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 141
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                Sequence 141, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1309
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: artificial
FEATURE:
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ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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Local Similarity 84.2%;
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Pred. No. 3.2e+02;
Score 14.2; DB 1;
Pred. No. 3.2e+02;
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                 Length 20;
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PRIOR APPLICATION NUMBER: US/08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
PRIOR FILING DATE: 1994-05-25
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 24
TYPE: DAA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-10-331-780-6
                                                                                ; OTHER INFORMATION: Oligonucleotide Primer US-10-343-710-146
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APPLICANT: WEIHE, E.
APPLICANT: WEIHE, E.
APPLICANT: SCHAEFER, M., K.-H.
TITLE OF INVENTION: SCREENING METHOD
FILE REFERENCE: 029310.52022US
CURRENT APPLICATION NUMBER: US/10/343,710
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP01/09011
PRIOR FILING DATE: 2001-08-03
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Query Match 1.0%; Score 14; DB 1; Length 14; Best Local Similarity 100.0%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                      SEQ ID NO 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 157
SOFTWARE: PatentIn version 3.2
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CURRENT APPLICATION NUMBER: US/10/331,780
CURRENT FILING DATE: 2002-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: GILLEN, Clemens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLECTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chetverin, Alexander B. APPLICANT: Kramer, Fred Russel
                                                                                                                      TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                 ENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1246 TCTTTGTTTTGTTTTTAA 1264
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Pred. No. 3.8e+02;
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1518 ТТАААААААААА 1531

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PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1581
LENGTH: 17
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-1581
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US-10-297-068-672
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                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1581, Application US/09969373

Patent No. US2002013852A1

GENERAL INFORMATION:
APPLICANT: Effectz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR FILING DATE: 2001-01-05

PRIOR FILING DATE: 2001-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: PALENTIN Ver. 2.1
SEQ ID NO 672
                                                                                       Matches
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Best Local (
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                                                                                                                             Query Match
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APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Watsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
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TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140F1174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                y Match 1.0%; Score 14; DB 1; I
Local Similarity 100.0%; Pred. No. 2.9e+02;
hes 14; Conservative 0; Mismatches 0;
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1es 14; Conservative
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 09/760,427 FILING DATE: 2001-01-13
                                      1560 AATGCCAGCCAACA 1573
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o. US20030228585A1
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pred. No. 2.7e+02;

0; Mismatches 0;
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Query Match
Best Local Similarity 9
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                                                                                                         ; ORGANISM: Homo Sapiens US-09-930-423-1163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILLING DATE: 2000-05-23
PRIOR FILLING DATE: 1999-12-30
PRIOR FILLING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR PILLING DATE: 1999-12-29
PRIOR PILLING DATE: 1999-04-28
PRIOR PILLING DATE: 1999-04-28
PRIOR PILLING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILLING DATE: 1998-11-04
                                                                                                                                               NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1163
LENGTH: 17
TYPE: RNA
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 312
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1163, Application US/09930423 Publication No. US20030092003A1
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Best Local :
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
                                                                                                                                                                                                                                                         APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               469 GGGGCGCGCCTG 482
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14; Conservative
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                      Conservative
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                    1.0%; Score 14; DB 1;
92.9%; Pred. No. 2.9e+02;
ative 1; Mismatches 0
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Pred. No.
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US-10-156-306-523/c
Sequence 523, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-163-552-9/c
Sequence 9, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
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APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MSHB00-918-A)
CURRENT FILING DATE: 2002-04-15
CURRENT FILING DATE: 2002-04-15
NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER: Patentin version 3.0
SEQ ID NO 1163
SEQ ID NO 1163
CRGANISM: Homo sapiens
US-09-745-237A-1163
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US-09-745-237A-1163
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-9
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                                                                                                                                                                                                              RESULT 559
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APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REPERENCE: MBHB01-1653-A (400/014)
FULE REPERENCE: MBHB01-1653-A (400/14)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                             Matches
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Local Similarity 92.9%;
hes 13; Conservaring
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Local Similarity 100.0%; Pred. No. 2.9e+02;
nes 14; Conservative 0; Mismatches 0;
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Pred. No. 2.9e+02;
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 Matches
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                                                                                                                                                SEQ ID NO 525
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Petentin version 3.0
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CURRENT FILLING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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; TYPE: RNA
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; ORGANISM: Homo sapiens
US-10-156-306-526
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SOFTWARE: PatentIn version 3.0
Sequence 1073, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patentin version 3.0
SEQ ID NO 2877
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-05-29
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US-09-775-479-9/c
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1073
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Publication No. US20040067197A1
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
FULL REFERENCE: MBHB00-876-N 
CURRENT APPLICATION NUMBER: US/09/775,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 09/318,106
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 08/756,728
PRIOR FILING DATE: 1996-11-26
                                                                                                                                                                                                                                APPLICANT: LECLERC, Guy
APPLICANT: MARTEL, R, mi
APPLICANT: MARTEL, R, mi
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
FILE REFERENCE: 12168-1US-2
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TYPE: RNA
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APPLICANT: INOKO, Hidetoshi
APPLICANT: KAGIYA, Taeko
APPLICANT: KAGIYA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MATSUMURA, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 1314OP1174
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US/10/297,068
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: AU, Minzhen
APPLICANT: Olu, Gang
APPLICANT: Olu, Gang
APPLICANT: Olu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/10/054,387
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR PILLING DATE: 1998-03-09
PRIOR PILLING DATE: 1998-03-09
PRIOR PILLING DATE: 1998-05-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                            RESULT 568
US-10-297-068-191
; Sequence 191, Application US/10297068
; Publication No. US20030228585A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 567
US-10-054-387-48
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; OTHER INFORMATION: oligonucleotide
US-09-775-479-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-054-387-48
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LENGTH: 18
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SOFTWARE: FREESEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 18
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: antisense OTHER INFORMATION: oligonucleotide corresponding to a specific r. OTHER INFORMATION: of the mouse Ii gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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/ 100.0%; Pre
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Pred. No.
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3.1e+02;
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-191
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US-10-032-495-6/c
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Publication No. US20020155601A1
GENERAL INFORMATION:
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Publication No. US20040005584A1
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    APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/99/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 00/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTY
TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
TILE REFERENCE: 0249-0002US
CURRENT APPLICATION NUMBER: US/10/032,495
CURRENT PILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: 60/258,881
PRIOR APPLICATION NUMBER: 60/258,881
PRIOR PILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 86
COMMUNICATION SECONDAMENT OF SEC
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Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 191
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100.0%; Pred. No.
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Pred. No.
APPLICATION NUMBER: US
DATE: 1998-04-21
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; FEATURE:
, NAME/KEY: primer bind
; LOCATION: 1..19 -
; OTHER INFORMATION: upstream amplification primer 99-20428 for SEQ 1096,
US-10-349-143-5030
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; ORGANISM: Mus musculus
US-10-714-796-224
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US-10-714-796-224/c
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APPLICANT: Koller, Erich
TITLE OF INVENTION: ANTISENSE MODULATION OF KINESIN-LIKE 1 EXPRESSION
FILE REFERENCE: ISHT-1004
CURRENT APPLICATION NUMBER: US/10/714,796
CURRENT FILING DATE: 2003-11-17
PRIOR APPLICATION NUMBER: US 10/156,603
PRIOR FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 237
SOFTWARE: PatentIn version 3.2
SEQ ID NO 224
LENGTH: 20
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Publication No. US20040180847A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 744, Application US/09263959 Patent No. US20020150891A1
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Best Local Similarity
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SEQ ID NO 5030
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ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V.
CURRENT APPLICATION DATA:
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                   APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                  STREET: 6300 C
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                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                         ADDRESSEE: Seed and Berry LLP
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                                                                                                                                                           Washington
                                                                                                                                                                                                    6300 Columbia Center,
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100.0%; Pred. No. 3.5e+02;
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Best Local S
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                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaine
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                 APPLICANT: Pavcó, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
                                                                                                                      APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 744:
CURRENT APPLICATION NUMBER: US/10/287,949A
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LENGTH: 17 base pairs
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05-MAR-1999
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11.8%; Pred. No. 3
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APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1070
LENGTH: 17
                                                                                                                                                                                                                                                              Sequence 2272, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
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Best Local S
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TYPE: RNA
ORGANISM: Homo sapiens
-10-287-949A-1070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed TITLE OF INVENTION: Oligomeric Compounds FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILLING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Manoharan, Muthiah APPLICANT: Maier, Martin A.
                                                                                                                                                                                                                             APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
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11.8%; Pred. No. 3.
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88.2%; Pred. No. 3.2e+02;
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CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PELICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
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; ORGANISM: Homo sapiens
US-09-866-108-2272
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                 FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 15752
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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PENN, Sharron
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Pred. No. 3.2e+02;
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RESULT 578
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; ORGANISM: Homo sapiens
US-09-866-108-9997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-843-676-132/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 132, Application US/09843676 Patent No. US20020164786A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.0%;
Local Similarity 88.2%;
hes 15; Conservative
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
                                                                                                                                                                            PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Andrews, William H.
TITLE OF INVENTION: No. US20020164786A1el Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1029 GACGCAGAGTGGGCGGC 1045
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APPLICATION NUMBER: US/08/854,050 FILING DATE: 09-MAY-1997 APPLICATION NUMBER: US 08/846,017 FILING DATE: 25-APR-1997 APPLICATION NUMBER: US 08/844,419 FILING DATE: 18-APR-1997 APPLICATION NUMBER: US 08/724,643 FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                     94111
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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Pred. No. 3.2e
0; Mismatches
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US-09-766-253-132/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                 INFORMATION FOR SEQ ID NO: 132:
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Local Similarity 88.2%; Pred. No. 3.2e+02;
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REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHAY: (415) 576-0300
MATION FOR CONT.
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTMARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Andrews, William H.

TITLE OF INVENTION: No. US20020187471A1el Telomerase NUMBER OF SEQUENCES: 171

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                        SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                  NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
                    LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States of America
                                                                                                                                          TELEFAX:
                                                                                                                                                         TELEPHONE:
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Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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                                                                                                                                       (415)
                                                                                                                                                         (415) 576-0200
                                                                                                                                       576-0300
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; SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-766-253-132
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US-09-438-486-132/c
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Cech,
APPLICANT: Lingne
                                                                          TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PATENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/438,486 FILING DATE: 12-NOV-1999 CLASSIFICATION: 536 PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: US 08/851,843 FILING DATE: 06-MAY-1997 CLASSIFICATION: 536
                                                                                                                                   FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PPLICANT: Harley, Calvin
PPLICANT: Andrews, William H.
ITLE OF INVENTION: No. US20030009019Alel Telomerase
            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: United States of America
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Chapman, Karen B.
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linear
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Pred. No. 3.2e+02;
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SEQUENCE DESCRIPTION: SEQ ID NO: 62: US-09-961-077-62
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Query Match 1.0%; Score 13.8; DB 1; Length 17; Best Local Similarity 76.5%; Pred. No. 3.2e+02; Matches 13; Conservative 2; Mismatches 2; Indels
                   Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                     TELEPHONE: (213) 489-161
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
operating SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 90071-2066
COMPUTER READABLE FO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1520 AAAAAAAAAAAAGTAAA 1536
                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Zwick, Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17 AAAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15;
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                                                                                                               LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 219/247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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Young, Scott A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Folkerts, Otto
Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Guo, Lining
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             McSwiggen, James A.
Merlo, Patricia Ann Owens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Merlo,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suite 4700
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88.2%;
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; Pred. No. 3.2e
0; Mismatches
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3.2e+02;
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 Gaps
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372 CTGTGCGTCACGGACGC 388

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RESULT 584
US-09-780-533A-1126/c
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Best Local Similarity
"""hes 7; Conserve
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US-09-780-533A-58
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US-09-780-533A-953
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Jim

APPLICANT: McMaigen, Jim

APPLICANT: Chowrira, Bharat

APPLICANT: Haeberli, Pete

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MBHB00, 878-A (400/011)

CURRENT APPLICATION NUMBER: US/09/780,533A

CURRENT FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: US 60/181,797

PRIOR FILING DATE: 2000-02-11

NUMBER OF SEQ ID NOS: 6679
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sequence 953, Applic publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: PatentIn version 3.0
SEQ ID NO 58
LENGTH: 17
                                                                                                                                                                              Query Match 1.0%;
Best Local Similarity 35.3%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 58, Application US/09780533A Publication No. US20030060611A1
                                                                                                                                                                                                                                                                          LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrita, Bharat
APPLICANT: Chowrita, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00, 878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/80,533A
CURRENT FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                      723 TTTTGCTGTTGCTGCTG 739
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                                                                                       UUUUGCUCUUCCUGCUG 17
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41.2%; Pred. No. 3.2e+02;
ative 8; Mismatches 2; Indels
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1845
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1126
                                                                                                                                                                                US-09-780-533A-2137/c
                                                                                                                                                                                                        RESULT 586
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US-09-780-533A-1845/c
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Sequence 2137, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.0 SEQ ID NO 1845
                                                                                                                                                                                                                                                                                                                                                                                   Query Match 1.0%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 3.2e+02; Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity 88.2%;
Matches 15; Conservative
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APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: Method, 878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
RUMBER OF SEQ ID NOS: 6679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MeBBOO, 878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR PILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc
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                                                                                                                                                                                                                                                                                                                               334 CCCAGGAGCTCCTGCGC 350
                                                                                                                                                                                                                                                                                   17 CCGAGGAGCCCCTGCGC 1
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Pred. No. 3.2e+02;
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RESULT 588
US-09-927-046-104/c
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US-09-780-533A-2461/c
                                        APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the
TITLE OF INVENTION: Channel-1
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APPLICANT: Ribozyme Pharmaceuticals,
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
                                                                                                                                                                                                                                               Sequence 104, Application US/09927046 Publication No. US20030064946A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene FILE REFERENCE: MBH800,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR PILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: Patentin version 3.0
SEQ ID NO 2137
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Best Local S
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene FILE REFERENCE: MBHB00,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
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CURRENT APPLICATION NUMBER: US/09/927,046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
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l Similarity 88.2%;
15; Conservative
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Pred. No. 3.2e+02;
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                                                                       Inhibition of
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, OTHER INFORMATION: oligonucleotide substrate US-09-740-332-2048
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; ORGANISM: Homo sapiens
US-09-927-046-104
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases of TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors FILE REFERENCE: MBHB00-958-I (400/018)

CURRENT APPLICATION NUMBER: US/09/848,754A

CURRENT FILING DATE: 2001-05-03

NUMBER OF SEQ ID NOS: 9645

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2356

                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 2048
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Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2048, Application US/09740332 Publication No. US20030125270A1
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                        Query Match
Best Local S
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                                                                                                                                                                                              LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
                                                                                                                                 FEATURE:
NAME/KEY: misc_feature
LOCATION:
y Match 1.0%; Score 13.8; DB 1; Local Similarity 88.2%; Pred. No. 3.2e+02; hes 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 88.2
les 15; Conservative
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Pred. No. 3.2e+02;
1; Mismatches 2;
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Pred. No. 3
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RESULT 593
US-09-817-879-2509
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US-09-817-879-2048/c
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US-09-740-332-2509
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2048
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT PAPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
Sequence 2509, Application US/09817879 Publication No. US20030171311A1
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Best Local
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LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                         OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
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                                                                                                                                                                                      Local Similarity 88.2%; Pred. No. 3.2e+02:
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Pred. No. 3.2e
1; Mismatches
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APPLICANT: Smith, Thomas F.
APPLICANT: Wold, Arlo
APPLICANT: Wold, Arlo
APPLICANT: Use, Jim
APPLICANT: Espy, Mark J.
TITLE OF INVENTION: Detection of Herpes Simplex Virus
FILE REFERENCE: 07039-246001
CURRENT APPLICATION NUMBER: US/10/066,432
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US 60/265,376
PRIOR FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                      US-10-208-357-23
                                                                                                          Sequence 23, Applica Publication No. US20 GENERAL INFORMATION:
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TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
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Best Local
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       APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEDICATION NUMBER: US/09/817,879
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
CURRENT APPLICATION NUMBER: US/10/208,357
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: oligonucleotide substrate
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                                                                                                                                Application US/10208357
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Pred. No. 3.2e+02;
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Pred. No. 3
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; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-23
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Matches 15; Conservat
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PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR PILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR PILING DATE: 1999-07-27
NUMBER OF SEO ID NOS: 26
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ORGANISM: Artificial Sequence
FEATURE:
      INFORMATION FOR SEQ ID
                                                                                                                                                                                                               PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/854,050

FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
                                                                                                                                              APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-0CT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                               NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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TELEPHONE: (415) 57
TELEPAX: (415) 57
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STATE: California
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Nakamura, Toru
Chapman, Karen B.
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Harley, Calvin
                                             (415) 576-0200
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Pred. No. 3.
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RESULT 597
US-10-054-295-132/c
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US-10-054-295-132
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                                                                                                                                             INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/854,050
FILING DATE: «Unknown)
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
PILING DATE: 01-OCT-196
ATTORNEY/AGENT INFORMATION:
                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                       SEQUENCE DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Andrews, William H. TITLE OF INVENTION: No. US20030044953Alel Telomerase
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                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                              TELEPHONE: (415) 576-02
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                          NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/10/054,295 FILING DATE: 18-Jan-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: California
COUNTRY: United S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
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o. US20030044953A1
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Morin, Gregg B.
Harley, Calvin
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Nakamura, Toru
Chapman, Karen B.
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                   SEQ ID NO: 132:
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Pred. No. 3.2e+02;
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Query Match

1.0%; Score 13.8;

DB 1;

Length 17;

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US-10-054-611-132/c
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Publication No. US20030045698A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/250,075
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Ph.D., Martin A.
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REPERRNCE: ISIS-5039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/117,267
CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 09/726,096
PRIOR FILING DATE: 2000-11-29
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LOCATION:. (1)..(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 1.0%;
Local Similarity 88.2%;
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                        Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787Alel Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1520 AAAAAAAAAAAAGTAAA 1536
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                                                                                                                                          CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAAAAAAAAAAAAAAA 1
                                                                                                                  COUNTRY: United States of America
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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Pred. No. 3.2
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                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/060,895A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PILLING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR PPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                              PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-08-30
PRIOR FILING DATE: 2001-08-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: NGUYON, CUNG-TUONG
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
FILE REFERENCE: PB0158
                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US01/00668 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/854,050
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-196
ATTORNEY/AGENT INFORMATION:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 132:
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APPLICATION NUMBER: US/10/054,611
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 13.8;
Similarity 88.2%; Pred. No. 3.
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TELEFAX: (415) 5
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    Sequence Listing Engine
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FILE OF INVENTION. NUMBER: US/10/060,895A
CURRENT APPLICATION NUMBER: US/10/060,895A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/006670
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 1682
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 439
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-895A-439
                                                                                                                                                                     RESULT 602
US-10-060-895A-440
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-437
                                                                                            Sequence 440, Application US/10060895A Publication No. US20030104403A1 GENERAL INFORMATION:
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LENGTH: 17
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                Matches
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APPLICANT: Zhang, Jian
APPLICANT: Gu, Yizhong
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: NGUYEN, CUNG-TWONG
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .0-060-895A-439
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Local Similarity 88.2%;
e8 15; Conservation
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o. US20030104403A1
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Pred. No. 3.2e+02;
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RESULT 604
US-10-156-306-517/c
; Sequence 517, Application US/10156306
; Publication No. US20030119017A1
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US-10-156-306-501/c
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CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
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APPLICANT: McSwiggen, James
APPLICATION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: McBH801-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 60/315,984
FILING DATE: 2001-08-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 09/864,761
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Pred. No. 3.2e+02
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Pred. No. 3.
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Mismatches
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 517
TYPE: RNA
ROGANISM: Homo sapiens
US-10-156-306-517
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US-10-156-306-519/c
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-518
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Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE ROF INVENTION US-664A, (400/050)
FILE REFERENCE: MBH801-664A, (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 518
                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 519
                                                                                                                                                                                                                                                                                              Sequence 519, Application US/10156306 Publication No. US20030119017A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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Local Similarity
les 15; Conserv
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Pred. No. 3.2e+02;
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Pred. No. 3.
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                                                                                                        ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2676
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Best Local Sim
Matches 15;
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FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1283
                                                                                                                                                           NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2676
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                    Matches
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level:
FILE REFERENCE: 400/057 (MBH801-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PARIOR APPLICATION NUMBER: PARIOR APPLICATION NUMBER: US/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2001-09-10
PRIOR FILING DATE: 2001-09-10
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   458 TCTAGGGTCCCGGGGCG 474
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Pred. No. 3
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Pred. No. 3
                                                       Score 13.8;
Pred. No. 3.
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                                                       3.2e+02;
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RESULT 610
US-10-230-006-181
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2801
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US-10-230-006-800
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Sequence 800, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Formaugh, Kathy
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MSHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR PRILICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEO ID NOS: 4666
SOFTWARE: Patentin version 3.0
SEO ID NO 2801
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Fosnaugh, Kathy
APPLICANT: McSwigen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND
PILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 17
TYPE: RNA
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Pred. No. 3.2e+02;
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-800
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TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-734
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US-10-138-674-734/c
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Publication No. US20040077565A1
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 800
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00-876 N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 715
LENGTH: 17
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 29.4%;
Matches 5; Conservative 1
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT PRILICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                                                                     APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1514 ТТААТТААААААААА 1530
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%; Pred. No. 3.2e+02
10; Mismatches
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Pred. No. 3.
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Sequence 736, Application US/10138674

Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Stinchcomb, Dan

COURTINO: Method and Reagent for the Treatment of Diseases or Conditions Re

ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/10/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT APPLICATION DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTMARE: PatentIn version 3.0

SEQ ID NO 736

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674-736
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; ORGANISM: Homo sapiens
US-10-138-674-735
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US-10-138-674-736/c
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US-10-138-674-1074/c
                                                                                                                                                                                                                                           Sequence 1074, Application US/10138674

Publication No. US20040077565A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions FIITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800-876-N (400/049)
CURRENT APPLICANTION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
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Matches
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                 Query Match
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                                                                                                                           ORGANISM: Homo sapiens
-10-138-674-1074
                                                                                                                                                                     TYPE: RNA
                                       Local Similarity nes 15; Conserv
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1516 AATTAAAAAAAAAAAAA 1532
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ilarity 88.2%;
Conservative
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Pred. No. 3.2e
0; Mismatches
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Pred. No. 3.2e+02
0; Mismatches
                                     Score 13.8; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 2;
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RESULT 618
US-10-138-674-5599/c
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US-10-138-674-4306
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Pavco, Pam

APPLICANT: Stinchcomb, Dan

CURRENT FILING DATE: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOCTWARE: PatentIn version 3.0

SEQ ID NO 4306

LENGTH: 17
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3608
Sequence 5599, Application US/10138674 Publication No. US20040077565A1 GENERAL INFORMATION:
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Publication No. US20040077565A1
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ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
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                                                                                                                                                                                                                                                                                                       h 1.0%;
Similarity 58.8%;
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                                                                                                                                                                                                                                                                                Conservative
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11.8%; Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                Mismatches
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RESULT 620
US-10-287-949A-734/c
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; TYPE: RNA
; ORGANISM: Homo Bapiens
US-10-138-674-5599
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Sequence 734, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stoched and Reagent for the Treatment of Diseases or Conditions PAPPLICANTION: Method and Reagent for the Treatment of Diseases or Conditions PTILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions PTILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sampson, et al.
TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
TITLE OF INVENTION: Secondary Structure
FILE REPERENCE: 2003309-0028
CURRENT FILING DATE: US/10/324,4098
CURRENT FILING DATE: 2002-12-18
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
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CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5599
LENGTH: 17
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Anneal Primer
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hes 15; Conservative
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-735
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US-10-287-949A-734
                                                         ; ORGANISM: Homo sapiens 
US-10-287-949A-736
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                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Scinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: McHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 736
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APPLICANT: Rayco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT TRILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
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Query Match
Best Local Similarity
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                                                                                          LENGTH: 17
TYPE: RNA
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Similarity 88.2%;
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o. US20040102389A1
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Pred. No. 3.
Score 13.8; DB 1;
Pred. No. 3.2e+02;
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEHBO0-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NO 1074

SEQ ID NO 1074

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-287-949A-1074
                                                                                                                                                        Query Match
Best Local Similarity
Tatches 2; Conserva
RESULT 625
US-10-287-949A-4306
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                                                                                                                                                                                                                                                                   ; TYPE: RNA
; ORGANISM: Mus musculus
US-10-287-949A-3608
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Secobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Mcthod and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: 1400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT APPLICATION DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 3608
LENGTH: 17
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                                                                                                                                                                                                    Score 13.8; DB 1;
Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876.N (400/049)
CURRENT APPLICATION UNMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5599
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-5599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-287-949A-5599/c
; Sequence 5599, Application US/10287949A
; Publication No. US20040102389A1
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 4306
                                                                                                                                         Sequence 2299, Application US/10712672 Publication No. US20040102413A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam APPLICANT: McSwiggen, Jim APPLICANT: Stinchcomb, Dan APPLICANT: Escobedo, Jaime
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MBHB00-882-C (400/019)
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TYPE: RNA
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58.8%; Pred. No. 3.20
ative 5; Mismatches
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PRIOR APPLICATION NUMBER: US/9/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR PPLICATION NUMBER: 60/197,769
PRIOR PILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/150,713
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: Patentin version 3.0
SEQ ID NO 2299
FINANCE: PATENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-2681
                                                                                                                                                      US-10-669-841-4641/c
                                                                                                                                                                          RESULT 629
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US-10-712-672-2299
                                                                                          Sequence 4641, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
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SEQ ID NO 2681
LENGTH: 17
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APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MeHB00-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: US/09/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR PILING DATE: 2000-04-14
PRIOR PILING DATE: 2000-08-31
PRIOR PILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
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                                  APPLICANT: Sirna Therapeutics,
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Chowrira, Bharat
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CURRENT FILING DATE: 2003-11-13
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James,
David,
                    Lawrence, Blatt
Dennis, Macejak
James, McSwiggen
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ilarity 82.4%;
Conservative
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  Morrissey
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Pred. No. 3.2e
3; Mismatches
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Pred. No. 3.2;
1; Mismatches
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3.2e+02;
ches 2; Indels
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR TILING DATE: 2001-03-26
PRIOR PPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
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PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR PILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR APPLICATION NUMBER: US 60/358,580
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Patride, Jee
APPLICANT: Patride, Lee
APPLICANT: Risabeth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
APPLICANT: INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITILE OF INVENTION: VIRUS REPLICATION
TITLE OF INVENTION: VIRUS (MBHB02-249-E)
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5102, Application US/10669841 Publication No. US20040127446A1
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Best Local
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CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
CURRENT FILING DATE: 2003-09-23
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Lawrence, Blatt
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OTHER INFORMATION: oligonucleotide substrate
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OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:
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ORGANISM: Artificial Sequence
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Pred. No. 3.
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RESULT 631
US-10-723-361-2272/c
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Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5102
LENGTH: 17
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APPLICANT:
                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OR APPLICATION NUMBER: US 60/337,055
OR FILING DATE: 2001-12-05
OR APPLICATION NUMBER: US 60/358,580
OR FILING DATE: 2002-02-20
OR APPLICATION NUMBER: US 60/363,124
OR FILING DATE: 2002-03-11
OR APPLICATION NUMBER: US 09/817,879
OR APPLICATION NUMBER: US 09/817,879
OR APPLICATION NUMBER: US 09/740,332
OR APPLICATION NUMBER: US 09/740,332
OR APPLICATION NUMBER: US 09/611,931
OR FILING DATE: 2000-12-18
OR FILING DATE: 2000-12-07-07
OR FILING DATE: 2000-17-07
OR FILING DATE: 2000-17-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                    FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                                                                                                                                                                    APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04 APPLICATION NUMBER: US 60/236,359
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                 FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 09/504,321 FILING DATE: 2000-02-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 60/335,059
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Pred. No. 3.2e+02
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; ORGANISM: Homo sapiens
US-10-723-361-2272
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                                                                                                                                   ; ORGANISM: Homo sapiens
US-10-723-361-9997
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9997, Application US/10723361
Publication No. US20040137589A1
                                                          Matches
                                                                                                                                                                                                              SEQ ID NO 9997
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Best Local (
                                                                                            Query Match
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/207,4
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                             Remaining Prior Application data re
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
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                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00668
1029 GACGCAGAGTGGGCGGC 1045
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                                                                          1.0%;
Similarity 88.2%;
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HANZEL, David K
RANK, David R.
CHEN, Wensheng
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Pred. No. 3
                                                                            Score 13.8; DB 1,
Pred. No. 3.2e+02,
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                                                                                                  DB 1;
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                                                                                                Length 17;
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GACGCAGTGTGGGCGAC 1

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RESULT 635

US-10-735-592-29/c

// Sequence 29, Application US/10735592

/ Publication No. US20040171571A1

/ GENERAL INFORMATION:
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ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8
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US-10-735-592-28/c
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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-28
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US-10-735-592-8/c
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APPLICANT: Are, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 28
LENGTH: 17
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APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 17
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Best Local Similarity
Matches 15; Conserv
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          APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
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Pred. No. 3.2e+02;
0; Mismatches 2;
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Pred. No. 3.2e+02;
0; Mismatches 2;
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APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
ITITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037,70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.2
SEQ ID NO 30
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                    ; OTHER INFORMATION: Synthetic oligonucleotide US-10-735-592-49
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US-10-735-592-49/c
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APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods
FILE REFERENCE: C1037.700.38US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 49
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                 Sequence 49, Application US/10735592 Publication No. US20040171571A1 GENERAL INFORMATION:
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SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 29
LENGTH: 17
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Best Local !
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Query Match
Best Local Similarity
                                                                                      LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
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Local Similarity 88.2%;
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
Score 13.8; DB 1; Pred. No. 3.2e+02;
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                 Length
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                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9, Application US/09775479
publication No. US20040067197A1
GENERAL INFORMATION:
APPLICANT: LECLERC, Guy
APPLICANT: MARTEL, R,mi
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
ETIT DESCENSION: THERAPEUTIC USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 55
LENGTH: 17
                                                                                                                                                                                                                               SOFTWARE: 1
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                                                                                                                                                                                                                                                                          FILE REFERENCE: 12168-1US-2
CURRENT APPLICATION NUMBER: US/09/775,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 09/318,106
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 08/756,728
PRIOR FILING DATE: 1996-11-26
                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                  ENGTH: 18
                                                                               Local Similarity
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                                TTTGTTTTGTTTTTAA 1264
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                                                               Conservative
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Pred. No. 3.4e
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Pred. No. 3
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APPLICANT: Effertz, Roger J.

APPLICANT: Hauge, Brian M.

TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/99/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768
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APPLICANT: Hood, Lo
APPLICANT: Rowen, lo
APPLICANT: Koop, Bo
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                                                                                           TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Glycine max
                                                                                                                                                    NAME: McMasters, David D.
REGISTION NUMBER: 33,963
REFERENCE DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                  STRANDEDNESS:
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                                                                                                                                                                                                                                                                          FILING DATE:
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Similarity 88.2%;
                                nucleic acid
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7: US
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6300 Columbia Center, 701 Fifth Avenue
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linear
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Pred. No. 3
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                                                                                                                                                                                                                                                                                                                                    Version #1.25
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APPLICANT: Kiely, John
APPLICANT: Griffith, Michael
APPLICANT: Griffith, Michael
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS5042
CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
NUMBER OF SEQ ID NOS: 69
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                                                                                                                                                                                                                                                                                                          APPLICANT: Egholm, Michael APPLICANT: Neilsen, Peter APPLICANT: Buchardt, Ole APPLICANT: Dueholm, Kim L. APPLICANT: Christensen, Lei
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Best Local Similarity
Matches 15; Conser
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Best Local Similarity
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                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 18
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Publication No.
                                                                                                                                                                                                                                                                         APPLICANT:
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TITLE OF INVENTION: Binary Encoded Sequence Tags
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR PILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
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APPLICANT: Roth, Matthew E.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
ORGANISM: Artificial Sequence
                   TYPE: DNA
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Buchardt, Ole
Dueholm, Kim L.
Christensen, Leif
Coull, James M.
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Pred. No. 3.4e+02;
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Sequence 1222, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:
APPLICANT: BRISCO-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTMARE: Patentin version 3.0
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; SEQ ID NO 1222
; LENGTH: 18
; TYPE: DNA
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Publication No. US2003011337A1
GENERAL INFORMATION:
APPLICANT: WERUELO, Daniel
APPLICANT: OHNO, Kouichi
APPLICANT: LEVIN, Brandi A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 08/566,421
PRIOR FILING DATE: 1995-11-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: HIGH EFFICIENCY TISSUE SPECIFIC COMPOUND
TITLE OF INVENTION: DELIVERY SYSTEM USING STREPTAVIDIN-PROTEIN A FUSION PROTEIN
FILE REPERENCE: 5986/11123-US1
CURRENT APPLICATION NUMBER: US/10/289,921
CURRENT FILING DATE: 2003-02-27
CURRENT FILING DATE: 2003-02-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE: OTHER INFORMATION: oligonucleotide primer DES designed to modify the OTHER INFORMATION: RYD sequence of the streptavidin gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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FEATURE: misc_feature
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Pred. No. 3.4e+02;
0; Mismatches 2
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Pred. No. 3.4e+02;
0; Mismatches 2;
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Sequence 45, Application US/10765500

Publication No. US20040137501A1

GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
IITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTSP-0100
CURRENT APPLICATION NUMBER: US/10/765,500
CURRENT FILING DATE: 2004-01-26
PRIOR APPLICATION NUMBER: US/09/763,748
PRIOR FILING DATE: 2001-02-27
PRIOR FILING DATE: 2001-02-27
PRIOR FILING DATE: 2001-03-27
PRIOR FILING DATE: 1090-08-28
INUMBER OF SEQ ID NOS: 87

SEQ ID NO 45
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 647
US-10-765-500-45
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-70
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US-10-005-956-1222
                                                               US-10-765-500-45
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APPLICANT: INOKO, HAI
APPLICANT: KAGIYA, T
APPLICANT: ICHIHARA,
APPLICANT: Matsumura
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CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
Query Match
Best Local Similarity
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TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                           FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                          TYPE: DNA
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Local Similarity 88.2%;
hes 15; Conservative
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Matsumura, Yoshiyuki
MORIYA, Shogo
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    1.0%;
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Pred. No. 3.
    Score 13.8; DB 1;
Pred. No. 3.4e+02;
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                      Length 18;
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APPLICANT: Hauge, Brian M.

APPLICANT: Hauge, Brian M.

TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10 (52879)A

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/760,727

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR PILING DATE: 2001-01-13

PRIOR PILING DATE: 2001-05-15

NUMBER OF SEQ ID NOS: 4593

SEQ ID NO 2699
                                                                                  ; ORGANISM: Glycine max US-09-969-373-2699
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CURRENT FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 09/390,425
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 09/035,706
PRIOR FILING DATE: 1998-03-05
PRIOR PRILING DATE: 1998-03-05
PRIOR APPLICATION NUMBER: 08/955,841
PRIOR APPLICATION NUMBER: 08/955,841
PRIOR FILING DATE: 1997-10-21
PRIOR PRILING DATE: 1996-11-19
PRIOR APPLICATION NUMBER: 08/009,074
PRIOR APPLICATION NUMBER: 60/009,074
                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2699, Application US/09969373 Patent No. US20020133852A1 GENERAL INFORMATION:
  Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Patent No. US200
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APPLICANT: Yee, Arthur
TITLE OF INVENTION: INTEGRIN-LINKED KINASE AND ITS USES
FILE REFERENCE: KINEOO1CIP4
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SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Homo sapiens
                                                                                                                       TYPE: DNA
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Similarity 88.2%; Pred. No. 3
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    Score 13.8; D
Pred. No. 3.6e
0; Mismatches
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APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
ITITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 2478
LENGTH: 19
RESULT 652
US-10-071-179-105
, Sequence 105, Application US/10071179
                                                                                                                                                                                                                                                                / FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-864-426A-2478
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CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 2478
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Third wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
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Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Saiser , Michael TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences FILE REFERENCE: FORS-04946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Third Wave Technologies APPLICANT: Allwai, Hatim
                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                 Match 1.0%;
Local Similarity 88.2%;
es 15; Conservative
                                                                                                                                            1551 GTCACCCAGAATGCCAG 1567
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                                                                                                         GTCTCCCAGAAGGCCAG 2
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Pred. No. 3.6e+02;
                                                                                                                                                                                                      Score 13.8; DB 1; Pred. No. 3.6e+02;
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                                                                                                                                                                                 Mismatches
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RESULT 654 US-10-126-704-105

; Sequence 105, Application US/10126704 ; Publication No. US20030170647A1 ; GENERAL INFORMATION:

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US-10-005-956-52
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CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/263,037
PRIOR FILING DATE: 2001-01-23
PRIOR PPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
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                                                                                                                                                                                                                                                SOPTWARE: PatentIn version 3.0
SEQ ID NO 52
LENGTH: 19
TYPE: DNA
ORGANISM: homo sapiens
                                                                                                               Best Loc
Matches
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APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 52, Ap
Publication No.
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SEQ ID NO 105
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Best Local Similarity 88.2%;
                                                                                                                                                                  Query Match
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APPLICANT: BOUGUELETC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: EGRNSET.031A
CURRENT APPLICATION NUMBER: US/10/071,179
CURRENT FILING DATE: 2002-07
PRIOR PILICATION NUMBER: EARLIER APPLICATION NUMBER: 09/345,882
PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,315
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-06-30
PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                               Local Similarity hes 15; Conserv
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                                                   913 AAAATTTAACGGTGATC 929
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1 AATATTTAACGCTGATC 17
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                                                                                                               Conservative
                                                                                                                                       1.0%;
                                                                                                         Score 13.8; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 2
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Pred. No. 3.6e+02;
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; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2478
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US-10-084-839-2478/c
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TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: 44.US-5.DIV
CURRENT APPLICATION NUMBER: US/10/126,704
CURRENT FILING DATE: 2002-04-20
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
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                                                                                                                       SOFTWARE: PatentIn version 3.1 SEQ ID NO 2478
                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
                                                                                                                                                                                                                                FILE REFERENCE: FORS-06666
                                                                                                                                                                                                                                                 APPLICANT: Vedvik, Kevin L. TITLE OF INVENTION: RNA Detection Assays
                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
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nes 15; Conserv
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Argue, Brad T
Bartholomay, Christian
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Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Curtis, Michelle L.
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Olson-Munoz, Marilyn C.
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Ji, Lin
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1, Jeff G.
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Pred. No. 3.6e+02;
0; Mismatches 2
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APPLICANT: Sina Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/0/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR APPLICATION NUMBER: US 00/399,348
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-07-29
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2003-07-29
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-03
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Best Local S
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FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/01/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Man APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-6332 for SEQ 1779,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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Pred. No. 3
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Pred. No. 3.6e+02;
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,724
PRIOR APPLICATION NUMBER: US 60/363,724
PRIOR APPLICATION NUMBER: US 60/363,724
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-03-10
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See
NUMBER OF SEQ ID NOS: 2455
SEQ ID NO 842
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR PILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2002-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-665-951-415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 842, Application US/10665951 Publication No. US20040138163A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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SEQ ID NO 415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 2455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sirna
APPLICANT: McSwi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:
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OR APPLICATION NUMBER: PCT/US 02/17674
OR FILING DATE: 2002-05-29
OR APPLICATION NUMBER: US 60/358,580
OR FILING DATE: 2002-02-20
OR APPLICATION NUMBER: US 60/363,124
OR APPLICATION NUMBER: US 60/363,124
OR FILING DATE: 2002-03-11
OR APPLICATION NUMBER: US 60/386,782
OR FILING DATE: 2002-06-06
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APPLICATION NUMBER: US 10/306,747
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                                                                                                                       See File Wrapper or PALM
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; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-665-951-842
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                                              Matches
                                                          Query Match
Best Local !
                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                         Local
                      1523 ААЛААЛААЛСТАЛАЛСС 1539
                                            l Similarity 82.4
14; Conservative
N
AAACAAAAAGUGAAAGG
                                      1.0%; but
82.4%; Pred
4.70 1; N
18
                                            Score 13.8; DB 1;
Pred. No. 3.6e+02;
1; Mismatches 2;
                                                                   Length 19;
                                               Indels
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                                            Gaps
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Search completed: November Job time : 13 secs

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